# **SAFETY DATA SHEET**

# arxada

**TROYSHIELD SC1** 

# SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier	
Product name	: TROYSHIELD SC1
UFI	: D7V0-107T-C009-DN6E
Product code	: 22796
Product description	: Not available.
Product type	: Liquid.
Other means of identification	: Not available.

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

Machine cleaner for the metal-working industry

### **Identified uses**

Not applicable.

#### **Uses advised against** Not applicable.

### 1.3 Details of the supplier of the safety data sheet

TROY CHEMICAL COMPANY BV Poortweg 4C 2612PA Delft The Netherlands Phone: + 31 (0) 10 899 0142

e-mail address of person : sds-info@arxada.com responsible for this SDS

## 1.4 Emergency telephone number

## National advisory body/Poison Center

Austria: Vergiftungsinformationszentrale, 01/406 43 43	Belgium: Centre anti-poison/ Antigiftcentrum 070 245245	Czech Republic: 1.7 Nouzové telefonní číslo: Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha 2: telefon ( 24 hodin/den) 224919293, 224915402, 224914575	Denmark: Giftinformation: +45 35 31 60 60	Estonia: Mürgistusteabekeskus: 16662 Hädaabinumber: 112	Finland: Myrkytystietokeskus 0800 147 111 tai 09 471 977
France: ORFILA (INRS): + 33 (0)1 45 42 59 59	Germany: Giftnotrufzentrale Berlin: +49 030 - 192 40	Hungary: Egészségűgyi Toxikológiai Tájákoztató Szolgálat (ETTSZ) 1096 Budapest, Nagyvárad tér 2. +36-80-201199 (ingyenes, éjjel- nappal) +36-14766464	Ireland: NPIC (8am to 10 pm daily): Phone 01-8092166	ltaly: Ospedale Niguarda Cà Granda, Milan 0266101029	Lithuania: Poison centre: 236 20 52
Netherlands: NVIC (medical personnel, 24/7): Tel: 088 755 8000	Norway: Norwegian poison information center: 22 59 13 00	Poland: 112 (ogólny telefon alarmowy), 998 (straż pożarna), 999 (pogotowie medyczne); Ośrodki Informacji Toksykologicznej: +58 682 04 04 (Gdańsk), +12 411 99 99 (Kraków), +61 847 69 46 (Poznań), +48 607 218 174 (Warszawa)	Slovakia: Slovensko: Národné toxikologické informačné centrum Limbova 5 833 05 Bratislava Tel. 02/5477 4166, 02/5477 4605 http://www.ntic.sk/ntic_en.php? adr=safetydata	Slovenia: Center za obveščanje 112	Portugal: Centro de Informação Antivenenos: +351 800 250 250
Sweden: 112	Switzerland: Schweizerisches Toxikologisches Informationszentrum: +41 - 1- 145	Turkey: Not available.	United Kingdom (UK): NPIS 0870 600 6266	Spain: INSTITUTO NACIONAL DE TOXICOLOGÍA 91 562 04 20	Greece: Children's hospital "P. Kyriakou", Thivon & Levadias 1, GR 11527, Goudi, Athens Tel. +30 210 7793 777
Date of issue/Date of re		tember Date of previo		h 08. 2023. V	ersion : 3.01 1/20

: March 08. 2023.

TROYSHIELD SC1

# SECTION 1: Identification of the substance/mixture and of the company/ undertaking

Latvia: Valsts ugunsdzēsības un glābšanas dienests: 112, Toksikoloģijas un sepses klīnikas Saindēšanās un zāļu informācijas centrs, Hipokrāta 2, Rīga, Latvija, LV-1038; strādā 24 h diennaktī. Tel. nr. +371 67042473"	Croatia: Broj za izvanredna stanja: 112 Broj za medicinske informacije za Hrvatsku: 01 23 48 342 (Centar za kontrolu otrovanja)	Serbia: Broj telefona Nacionalnog centra za kontrola trovanja: ++381 11-662 381 (24 sata)	Bulgaria: Национален Токсикологичен Център (Токсикология Пирогов) - 02/9154409	Romania: +40 21.318.36.06 (Disponibil in intervalul orar 8.00 – 16.00), Birou RSI si Informare Toxicologica din cadrul INSP, Str. D.Leonte Nr. 1-3, Bucuresti, Romania
Luxembourg: Centre Antipoisons / Giftinformationszentrum, Tel.: (+352) 8002 5500)	Cyprus: 1401	Malta: Medicines and Poisons Information Service at Mater Dei Hospital (MDH) +356 2545 6508 Emergency number: 112		

### Supplier

Emergency telephone number (24/7) : +44 20 3885 0382 [CCN864796] (24/7)

# **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture

Product definition : Mixture

## Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 2, H373

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

28, 2023.

# 2.2 Label elements

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure.
Precautionary statements		
General	:	Not applicable.
Prevention	:	Wear protective gloves. Wear eye or face protection. Do not breathe vapor. Wash thoroughly after handling.
Response	:	Get medical advice or attention if you feel unwell. IF INHALED: Call a POISON CENTER or doctor if you feel unwell. Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Storage	:	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	:	2,2',2"-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol Poly(oxy-1,2-ethanediyl), α-(carboxymethyl)-ω-(octyloxy)- 2-aminoethanol
Date of issue/Date of revision		: September Date of previous issue : March 08, 2023. Version : 3.01 2/26

<b>SECTION 2: Hazards</b>	identification
Supplemental label elements	: Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Special packaging requirem	nents
Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.
2.3 Other hazards	
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	: None known.

# **SECTION 3: Composition/information on ingredients**

3.2 Mixtures	: Mixture				
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
2,2',2"-(hexahydro- 1,3,5-triazine-1,3,5-triyl) triethanol	REACH #: Biocide EC: 225-208-0 CAS: 4719-04-4 Index: 613-114-00-6	7.6	Acute Tox. 4, H302 Acute Tox. 2, H330 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 1, H372 (respiratory system) (inhalation)	ATE [Oral] = 500 mg/kg ATE [Inhalation (dusts and mists)] = $0.37$ mg/l Skin Sens. 1, H317: C $\geq 0.1\%$	[1]
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8 CAS: 102-71-6	≤3	Not classified.	-	[2]
2-(2-Butoxyethoxy)ethanol.	REACH #: 01-2119475104-44 EC: 203-961-6 CAS: 112-34-5 Index: 603-096-00-8	≤3	Eye Irrit. 2, H319	-	[1] [2]
Poly(oxy-1,2-ethanediyl), α- (carboxymethyl)-ω- (octyloxy)-	CAS: 53563-70-5	≤3	Eye Dam. 1, H318	-	[1]
2-aminoethanol	REACH #: 01-2119486455-28 EC: 205-483-3 CAS: 141-43-5 Index: 603-030-00-8	≤3	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412	ATE [Oral] = 1089 mg/kg ATE [Dermal] = 1100 mg/kg ATE [Inhalation (vapours)] = 11 mg/ I STOT SE 3, H335:	[1] [2]
Date of issue/Date of revision	: September Date 28, 2023.	e of previous is	sue : March 08, 2023.	Version : 3.0 <sup>-</sup>	1 3/26

TROYSHIELD SC1

# **SECTION 3: Composition/information on ingredients**

-					
				C ≥ 5%	
pyridine-2-thiol 1-oxide, sodium salt	REACH #: Biocide EC: 223-296-5 CAS: 3811-73-2 Index: 613-344-00-7	0.08	Acute Tox. 4, H302 Acute Tox. 3, H311 Acute Tox. 3, H311 Acute Tox. 3, H311 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 1, H372 (nervous system) Aquatic Acute 1, H400 Aquatic Chronic 2, H411 EUH070 See Section 16 for the full text of the H statements declared above.	ATE [Oral] = 500 mg/kg ATE [Dermal] = 790 mg/kg ATE [Inhalation (dusts and mists)] = 0.5 mg/l M [Acute] = 100	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

### Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

# **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

Eye contact	: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Date of issue/Date of revision	: September Date of previous issue : March 08, 2023. Version : 3.01 4/26 28, 2023.

2020/878 TROYSHIELD SC1				
SECTION 4: First aid measures				
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.			
4.2 Most important sympton	ns and effects, both acute and delayed			
Over-exposure signs/symp	<u>toms</u>			
Eye contact	: Adverse symptoms may include the following: pain watering redness			
Inhalation	: No specific data.			
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur			
Ingestion	: Adverse symptoms may include the following: stomach pains			
4.3 Indication of any immedi	ate medical attention and special treatment needed			
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.			
Specific treatments	: No specific treatment.			
SECTION 5: Firefigh	ting measures			
5.1 Extinguishing media				
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire. Warehousing: All materials except Oxidizers can be extinguished by replacing the available air with CO2 when a stationary CO2 installation is installed.			
Unsuitable extinguishing media	: None known.			
5.2 Special hazards arising f	from the substance or mixture			
Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst.			
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides			
5.3 Advice for firefighters				
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.			
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.			

# **SECTION 6: Accidental release measures**

6.1 Personal precautions, prot	ective equipment and emergency procedures
For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and materials for	containment and cleaning up
Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.
6.4 Reference to other sections	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

# **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

## 7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

TROYSHIELD SC1

# **SECTION 7: Handling and storage**

# 7.3 Specific end use(s)

Recommendations

: Not available.

Industrial sector specific

: Not available.

solutions

# **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

## 8.1 Control parameters

## **Occupational exposure limits**

Product/ingredient name	Exposure limit values
2-(2-Butoxyethoxy)ethanol.	EU OEL (Europe, 10/2019). Notes: list of indicative occupational exposure limit values STEL: 101.2 mg/m <sup>3</sup> 15 minutes. STEL: 15 ppm 15 minutes. TWA: 67.5 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.
2-aminoethanol	EU OEL (Europe, 10/2019). Absorbed through skin. Notes: list of indicative occupational exposure limit values STEL: 7.6 mg/m <sup>3</sup> 15 minutes. STEL: 3 ppm 15 minutes. TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 1 ppm 8 hours.

### **Occupational exposure limits**

Product/ingredient name	Exposure limit values				
Europe					
2-(2-Butoxyethoxy)ethanol.	EU OEL (Europe, 10/2019). Notes: list of indicative occupational exposure limit values STEL: 101.2 mg/m <sup>3</sup> 15 minutes. STEL: 15 ppm 15 minutes. TWA: 67.5 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.				
2-aminoethanol	EU OEL (Europe, 10/2019). Absorbed through skin. Notes: lis of indicative occupational exposure limit values STEL: 7.6 mg/m <sup>3</sup> 15 minutes. STEL: 3 ppm 15 minutes. TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 1 ppm 8 hours.				
Austria					
2-(2-Butoxyethoxy)ethanol.	<b>Regulation on Limit Values - MAC (Austria, 4/2021).</b> PEAK: 101.2 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. PEAK: 15 ppm, 4 times per shift, 15 minutes. TWA: 67.5 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.				
2,2',2"-nitrilotriethanol	<ul> <li>Regulation on Limit Values - MAC (Austria, 4/2021).</li> <li>Sensitization potential.</li> <li>TWA: 5 mg/m<sup>3</sup> 8 hours. Form: inhalable fraction</li> <li>PEAK: 10 mg/m<sup>3</sup>, 4 times per shift, 15 minutes. Form: inhalable fraction</li> <li>TWA: 0.8 ppm 8 hours.</li> <li>PEAK: 1.6 ppm, 4 times per shift, 15 minutes.</li> </ul>				
2-aminoethanol	Regulation on Limit Values - MAC (Austria, 4/2021). Skin sensitizer. PEAK: 7.6 mg/m³, 4 times per shift, 15 minutes.				

28, 2023.

TROYSHIELD SC1

# **SECTION 8: Exposure controls/personal protection**

	PEAK: 3 ppm, 4 times per shift, 15 minutes. TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 1 ppm 8 hours.
pyridine-2-thiol 1-oxide, sodium sa	Regulation on Limit Values - MAC (Austria, 4/2021). Absorbed through skin.
	TWA: 1 mg/m³ 8 hours. PEAK: 4 mg/m³, 4 times per shift, 15 minutes.
Belgium	
2-(2-Butoxyethoxy)ethanol.	Limit values (Belgium, 5/2021). STEL: 15 ppm 15 minutes. TWA: 10 ppm 8 hours. TWA: 67.5 mg/m <sup>3</sup> 8 hours. STEL: 101.2 mg/m <sup>3</sup> 15 minutes.
2,2',2"-nitrilotriethanol	Limit values (Belgium, 5/2021).
2-aminoethanol	TWA: 5 mg/m <sup>3</sup> 8 hours. <b>Limit values (Belgium, 5/2021). Absorbed through skin.</b> STEL: 7.6 mg/m <sup>3</sup> 15 minutes. STEL: 3 ppm 15 minutes. TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 1 ppm 8 hours.
Bulgaria	
2-(2-Butoxyethoxy)ethanol.	Ministry of Labour and Social Policy and the Ministry of Health - Ordinance No 13/2003. (Bulgaria, 6/2021). Limit value 8 hours: 67.5 mg/m <sup>3</sup> 8 hours. Limit value 15 min: 101.2 mg/m <sup>3</sup> 15 minutes. Limit value 15 min: 15 ppm 15 minutes.
2-aminoethanol	Limit value 8 hours: 10 ppm 8 hours. <b>Ministry of Labour and Social Policy and the Ministry of</b> <b>Health - Ordinance No 13/2003. (Bulgaria, 6/2021). Absorbed</b> <b>through skin.</b> Limit value 8 hours: 2.5 mg/m <sup>3</sup> 8 hours. Limit value 15 min: 7.6 mg/m <sup>3</sup> 15 minutes. Limit value 8 hours: 1 ppm 8 hours. Limit value 15 min: 3 ppm 15 minutes.
Croatia	
2-(2-Butoxyethoxy)ethanol.	Ministry of Economy, Labour and Entrepreneurship ELV/ STELV (Croatia, 1/2021). STELV: 101.2 mg/m <sup>3</sup> 15 minutes. STELV: 15 ppm 15 minutes. ELV: 67.5 mg/m <sup>3</sup> 8 hours. ELV: 10 ppm 8 hours.
2-aminoethanol	Ministry of Economy, Labour and Entrepreneurship ELV/ STELV (Croatia, 1/2021). Absorbed through skin. STELV: 7.6 mg/m <sup>3</sup> 15 minutes. STELV: 3 ppm 15 minutes. ELV: 2.5 mg/m <sup>3</sup> 8 hours. ELV: 1 ppm 8 hours.
Czech Republic	
2-(2-Butoxyethoxy)ethanol.	Government regulation of Czech Republic PEL/NPK-P (Czech Republic, 5/2021). STEL: 100 mg/m <sup>3</sup> 15 minutes. STEL: 14.8 ppm 15 minutes. TWA: 70 mg/m <sup>3</sup> 8 hours. TWA: 10.36 ppm 8 hours.
2,2',2"-nitrilotriethanol	Government regulation of Czech Republic PEL/NPK-P (Czech Republic, 5/2021). Absorbed through skin. TWA: 5 mg/m <sup>3</sup> 8 hours. TWA: 0.805 ppm 8 hours.
ate of issue/Date of revision	: September Date of previous issue : March 08, 2023. Version : 3.01 8/26

temi 28, 2023.

SECTION 8: Exposure control	STEL: 10 mg/m³ 15 minutes.
	STEL: 1.61 ppm 15 minutes.
2-aminoethanol	Government regulation of Czech Republic PEL/NPK-P (Czech
	Republic, 5/2021). Absorbed through skin.
	STEL: 7.5 mg/m <sup>3</sup> 15 minutes.
	STEL: 2.955 ppm 15 minutes.
	TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 0.985 ppm 8 hours.
Denmark	
2-(2-Butoxyethoxy)ethanol.	Working Environment Authority (Denmark, 11/2021).
	TWA: 68 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.
2,2',2"-nitrilotriethanol	Working Environment Authority (Denmark, 11/2021).
	TWA: 0.5 ppm 8 hours.
	TWA: 3.1 mg/m <sup>3</sup> 8 hours.
2-aminoethanol	Working Environment Authority (Denmark, 11/2021). Absorbed
	through skin.
	TWA: 2.5 mg/m <sup>3</sup> 8 hours.
	TWA: 1 ppm 8 hours.
pyridine-2-thiol 1-oxide, sodium salt	Working Environment Authority (Denmark, 11/2021). []
	Absorbed through skin.
Endersite.	TWA: 1 mg/m <sup>3</sup> 8 hours.
Estonia	
2-(2-Butoxyethoxy)ethanol.	Occupational exposure limits, Regulation No. 293 (Estonia,
	10/2019). TW/A: 10 ppm 8 bours
	TWA: 10 ppm 8 hours. TWA: 67.5 mg/m³ 8 hours.
2,2',2"-nitrilotriethanol	Occupational exposure limits, Regulation No. 293 (Estonia,
	10/2019). Skin sensitizer.
	TWA: 5 mg/m <sup>3</sup> 8 hours.
	STEL: 10 mg/m <sup>3</sup> 15 minutes.
2-aminoethanol	Occupational exposure limits, Regulation No. 293 (Estonia,
	10/2019). Absorbed through skin.
	STEL: 7.6 mg/m <sup>3</sup> 15 minutes.
	STEL: 3 ppm 15 minutes. TWA: 2.5 mg/m³ 8 hours.
	TWA: 2.5 mg/m 8 hours.
Finlered	
Finland	
2-(2-Butoxyethoxy)ethanol.	Institute of Occupational Health, Ministry of Social Affairs
	(Finland, 10/2021). TWA: 10 ppm 8 hours.
	TWA: 68 mg/m <sup>3</sup> 8 hours.
2,2',2"-nitrilotriethanol	Institute of Occupational Health, Ministry of Social Affairs
_,_ ,	(Finland, 10/2021).
	TWA: 5 mg/m <sup>3</sup> 8 hours.
2-aminoethanol	Institute of Occupational Health, Ministry of Social Affairs
	(Finland, 10/2021). Absorbed through skin.
	STEL: 7.6 mg/m <sup>3</sup> 15 minutes.
	STEL: 3 ppm 15 minutes.
	TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 1 ppm 8 hours.
Frances	
France	

2-(2-Butoxyethoxy)ethanol.	Ministry of Labor (France, 5/2021). Notes: Indicative
	regulatory limit values (decree of 30-06-2004 modified)
	STEL: 101.2 mg/m <sup>3</sup> 15 minutes.
	STEL: 15 ppm 15 minutes.
	TWA: 67.5 mg/m <sup>3</sup> 8 hours.
aminaathanal	TWA: 10 ppm 8 hours.
2-aminoethanol	Ministry of Labor (France, 5/2021). Absorbed through skin. Notes: Binding regulatory limit values (article R. 4412-149 of the Labor Code) TWA: 2.5 mg/m <sup>3</sup> 8 hours.
	TWA: 2.5 mg/m 6 hours.
	STEL: 7.6 mg/m <sup>3</sup> 15 minutes.
	STEL: 3 ppm 15 minutes.
Germany	
2,2',2"-(hexahydro-1,3,5-triazine-	DFG MAC-values list (Germany, 10/2021). Skin sensitizer.
1,3,5-triyl)triethanol	
2-(2-Butoxyethoxy)ethanol.	DFG MAC-values list (Germany, 10/2021).
	PEAK: 100.5 mg/m <sup>3</sup> , 4 times per shift, 15 minutes.
	TWA: 67 mg/m <sup>3</sup> 8 hours.
	TWA: 10 ppm 8 hours.
	PEAK: 15 ppm, 4 times per shift, 15 minutes. TRGS 900 OEL (Germany, 7/2021).
	PEAK: 100.5 mg/m <sup>3</sup> 15 minutes.
	TWA: 67 mg/m <sup>3</sup> 8 hours.
	TWA: 10 ppm 8 hours.
	PEAK: 15 ppm 15 minutes.
2,2',2"-nitrilotriethanol	DFG MAC-values list (Germany, 10/2021).
	TWA: 1 mg/m <sup>3</sup> 8 hours. Form: inhalable fraction
	PEAK: 1 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. Form: inhalable
	fraction
	TRGS 900 OEL (Germany, 7/2021).
	PEAK: 1 mg/m³ 15 minutes. Form: inhalable fraction TWA: 1 mg/m³ 8 hours. Form: inhalable fraction
2-aminoethanol	DFG MAC-values list (Germany, 10/2021). Skin sensitizer.
z-annioetranoi	PEAK: 0.51 mg/m <sup>3</sup> , 4 times per shift, 15 minutes.
	PEAK: 0.2 ppm, 4 times per shift, 15 minutes.
	TWA: 0.51 mg/m <sup>3</sup> 8 hours.
	TWA: 0.2 ppm 8 hours.
	TRGS 900 OEL (Germany, 7/2021). Absorbed through skin.
	Skin sensitizer.
	PEAK: 0.5 mg/m <sup>3</sup> 15 minutes.
	PEAK: 0.2 ppm 15 minutes. TWA: 0.5 mg/m³ 8 hours.
	TWA: 0.2 ppm 8 hours.
	TRGS 907 (Germany, 12/2011). Skin sensitizer.
pyridine-2-thiol 1-oxide, sodium salt	DFG MAC-values list (Germany, 10/2021). [Sodium pyrithione
	Absorbed through skin.
	TWA: 0.2 mg/m <sup>3</sup> 8 hours. Form: inhalable fraction
	PEAK: 0.4 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. Form: inhalable
	fraction
	<b>TRGS 900 OEL (Germany, 7/2021). [] Absorbed through skin.</b> TWA: 0.2 mg/m <sup>3</sup> 8 hours. Form: inhalable fraction
	PEAK: 0.4 mg/m <sup>3</sup> 15 minutes. Form: inhalable fraction
240000	
Greece	
breece	
breece	
breece	

SECTION 8: Exposure	controls/personal protection
2-(2-Butoxyethoxy)ethanol.	Ministry of Labour and Social Affairs (Greece, 9/2021). STEL: 101.2 mg/m <sup>3</sup> 15 minutes. STEL: 15 ppm 15 minutes. TWA: 67.5 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.
2-aminoethanol	Ministry of Labour and Social Affairs (Greece, 9/2021). Absorbed through skin. STEL: 7.6 mg/m <sup>3</sup> 15 minutes. STEL: 3 ppm 15 minutes. TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 1 ppm 8 hours.
Hungary	
2-(2-Butoxyethoxy)ethanol.	<b>5/2020. (II. 6.) ITM Decree (Hungary, 2/2020).</b> TWA: 67.5 mg/m³ 8 hours. PEAK: 101.2 mg/m³ 15 minutes.
2-aminoethanol	5/2020. (II. 6.) ITM Decree (Hungary, 2/2020). Absorbed through skin. TWA: 2.5 mg/m <sup>3</sup> 8 hours. PEAK: 7.6 mg/m <sup>3</sup> 15 minutes.
Ireland	
2-(2-Butoxyethoxy)ethanol.	NAOSH (Ireland, 5/2021). Notes: EU derived Occupational Exposure Limit Values OELV-8hr: 10 ppm 8 hours. OELV-15min: 101.2 mg/m <sup>3</sup> 15 minutes. OELV-8hr: 67.5 mg/m <sup>3</sup> 8 hours. OELV-15min: 15 ppm 15 minutes.
2,2',2"-nitrilotriethanol	NAOSH (Ireland, 5/2021). Notes: Advisory Occupational Exposure Limit Values (OELVs) OELV-8hr: 5 mg/m <sup>3</sup> 8 hours.
2-aminoethanol	NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values OELV-15min: 7.6 mg/m <sup>3</sup> 15 minutes. OELV-15min: 3 ppm 15 minutes. OELV-8hr: 2.5 mg/m <sup>3</sup> 8 hours. OELV-8hr: 1 ppm 8 hours.
Italy	
2-(2-Butoxyethoxy)ethanol.	Ministry of Labour and Social Policy (Italy, 6/2020). 8 hours: 10 ppm 8 hours. 8 hours: 67.5 mg/m <sup>3</sup> 8 hours. Short Term: 15 ppm 15 minutes. Short Term: 101.2 mg/m <sup>3</sup> 15 minutes.
2-aminoethanol	Ministry of Labour and Social Policy (Italy, 6/2020). Absorbed through skin. 8 hours: 1 ppm 8 hours. 8 hours: 2.5 mg/m <sup>3</sup> 8 hours. Short Term: 3 ppm 15 minutes. Short Term: 7.6 mg/m <sup>3</sup> 15 minutes.
Latvia	
2-(2-Butoxyethoxy)ethanol.	Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021). STEL: 101.2 mg/m <sup>3</sup> 15 minutes. TWA: 10 ppm 8 hours. STEL: 15 ppm 15 minutes. TWA: 67.5 mg/m <sup>3</sup> 8 hours.
2-aminoethanol	Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021). Absorbed through skin. TWA: 0.5 mg/m <sup>3</sup> 8 hours. TWA: 0.2 ppm 8 hours. STEL: 3 ppm 15 minutes.
Date of issue/Date of revision	: September Date of previous issue : March 08, 2023. Version : 3.01 11/26 28, 2023.

TROYSHIELD SC1

Lithuania         STEL: 7.6 mg/m³ 15 minutes.           2-(2-Butoxyethoxy)ethanol.         Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). STEL: 101.2 mg/m³ 16 hours. STEL: 100.2 mg/m³ 16 hours. TWA: 67.5 mg/m³ 8 hours. TWA: 67.5 mg/m³ 8 hours. TWA: 50 mg/m³ 15 minutes. Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Skin sensitizer. TWA: 5 mg/m³ 8 hours. STEL: 76 mg/m³ 15 minutes. Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Absorbed through skin. STEL: 76 mg/m³ 15 minutes. STEL: 76 mg/m³ 16 hours. STEL: 76 mg/m³ 16 hours. TWA: 2.5 mg/m³ 8 hours. STEL: 76 mg/m³ 16 hours. STEL: 76 mg/m³ 16 hours. TWA: 2.5 mg/m³ 8 hours. STEL: 76 mg/m³ 16 hours. TWA: 2.5 mg/m³ 8 hours. STEL: 76 mg/m³ 16 hours. TWA: 2.5 mg/m³ 8 hours. STEL: 76 mg/m³ 15 minutes. STEL: 76 mg/m³ 16 hours. TWA: 2.5 mg/m³ 8 hours. Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background). OEL, 8-1 TWA: 50 mg/m³ 16 hours. Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL: 15-min: 7.6 mg/m³ 15 minutes.           2-aminoethanol         FOR-201112-06-1358 (Norway, 6/2021). Notes: Indicative limit value           2.2.2.*-intirlotriethanol         FOR-201112-06-1358 (Norway, 6/2021). Notes: Indicative limit value           2.4.6 mg/m³ 8 hours.         FOR-201112-06-1358 (Norway, 6/2021). Notes: Indicative limit value           2.4.7 -intirlotriethanol         FOR-201112-06-1358 (Norway, 6/202	SECTION 8: Exposure controls/p	personal protection
2-(2-Butoxyethoxy)ethanol.       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). STEL: 10: 2 mg/m <sup>2</sup> 15 minutes. TWA: 67,5 mg/m <sup>2</sup> 8 hours. TWA: 67,5 mg/m <sup>2</sup> 8 hours.         2-2,2"-nitrilotriethanol       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Skin sensitizer. TWA: 5 mg/m <sup>2</sup> 8 hours. STEL: 10 mg/m <sup>2</sup> 15 minutes.         2-aminoethanol       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Absorbed through skin. STEL: 76 mg/m <sup>2</sup> 15 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. STEL: 76 mg/m <sup>2</sup> 16 hours. TWA: 2,5 mg/m <sup>2</sup> 8 hours.         Netherlands       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background). OEL, 8-h TWA: 50 mg/m <sup>2</sup> 8 hours. Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. STEL: 15-min: 7.6 mg/m <sup>3</sup> 15 minutes. OEL, 8-h TWA: 50 mg/m <sup>3</sup> 16 hours. TWA: 10 pm 8 hours. TWA: 10 pm 8 hours. TWA: 10 pm 8 hours. TWA: 50 mg/m <sup>3</sup> 8 ho		STEL: 7.6 mg/m <sup>3</sup> 15 minutes.
STEL: 101.2 mg/m <sup>2</sup> 15 minutes.         STEL: 101.2 mg/m <sup>2</sup> 15 ppm 15 minutes.         TWA: 67.5 mg/m <sup>2</sup> 8 hours.         TWA: 67.5 mg/m <sup>2</sup> 8 hours.         TWA: 57.5 mg/m <sup>2</sup> 8 hours.         STEL: 10 mg/m <sup>2</sup> 15 minutes.         2-aminoethanol         Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Skin sensitizer.         TWA: 5 mg/m <sup>2</sup> 16 minutes.         STEL: 10 mg/m <sup>2</sup> 15 minutes.         STEL: 15 mg/m <sup>2</sup> 16 hours.         TWA: 5 mg/m <sup>2</sup> 16 hours.         TWA: 10 ppm 8 hours.         TWA: 10 ppm 8 hours.         TWA: 5 mg/m <sup>2</sup> 16 hours.         TWA: 5 mg/m <sup>2</sup> 16 hours.         TWA: 5 mg/m <sup>2</sup> 16 hours.         TWA: 5 mg/m <sup>2</sup> 8 hours.         Notherlands         2(2-Butoxyethoxy)ethanol.         DEL, 8A TWA: 50 mg/m <sup>2</sup> 8 hours.         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative value that is not legally binding (see background).         DEL, 8A TWA: 2.5 mg/m <sup>2</sup> 8 hours.         STEL: 15 mm/ <sup>2</sup> 15 minutes.         OEL, 8A TWA: 2.5 mg/m <sup>2</sup> 8 hours.         Value         Norway         2-(2-Butoxyethoxy)ethanol.	Lithuania	
STEL: 101.2 mg/m <sup>2</sup> 15 minutes.         STEL: 101.2 mg/m <sup>2</sup> 15 ppm 15 minutes.         TWA: 67.5 mg/m <sup>2</sup> 8 hours.         TWA: 67.5 mg/m <sup>2</sup> 8 hours.         TWA: 57.5 mg/m <sup>2</sup> 8 hours.         STEL: 10 mg/m <sup>2</sup> 15 minutes.         2-aminoethanol         Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Skin sensitizer.         TWA: 5 mg/m <sup>2</sup> 16 minutes.         STEL: 10 mg/m <sup>2</sup> 15 minutes.         STEL: 15 mg/m <sup>2</sup> 16 hours.         TWA: 5 mg/m <sup>2</sup> 16 hours.         TWA: 10 ppm 8 hours.         TWA: 10 ppm 8 hours.         TWA: 5 mg/m <sup>2</sup> 16 hours.         TWA: 5 mg/m <sup>2</sup> 16 hours.         TWA: 5 mg/m <sup>2</sup> 16 hours.         TWA: 5 mg/m <sup>2</sup> 8 hours.         Notherlands         2(2-Butoxyethoxy)ethanol.         DEL, 8A TWA: 50 mg/m <sup>2</sup> 8 hours.         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative value that is not legally binding (see background).         DEL, 8A TWA: 2.5 mg/m <sup>2</sup> 8 hours.         STEL: 15 mm/ <sup>2</sup> 15 minutes.         OEL, 8A TWA: 2.5 mg/m <sup>2</sup> 8 hours.         Value         Norway         2-(2-Butoxyethoxy)ethanol.	2-(2-Butoxyethoxy)ethanol.	Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021).
STEL: 15 ppm 15 minutes. TWA: 10 ppm 8 hours. TWA: 10 ppm 8 hours.         2.2".2"-nitrilotriethanol         Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Skin sensitizer. TWA: 10 ppm 8 hours. STEL: 10 mg/m² 15 minutes.         2-aminoethanol         Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Absorbed through skin. STEL: 25 mg/m² 8 hours. TWA: 12 ppm 15 minutes.         Netherlands         2-(2-Butoxyethoxy)ethanol.         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini*strative indicates an administrative value that is not legally binding (see background). OEL, eh TWA: 25 mg/m² 8 hours. Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. STEL: 15-min: 100 mg/m² 15 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL: 15-min: 100 mg/m² 15 minutes.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         Norway       E         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2.2.2.2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2.4.3. Sign/m² 15 minutes.       TWA: 10 ppm 8 hours. TWA: 25 mg/m² 15 hours. TWA: 2.5 mg/m² 16 hours. TWA: 2.5 mg/m² 16 hours. TWA: 2.5 mg/m² 16 hours.         Poland       Reg		
2.2',2"-nitrilotriethanol       TWA: 67.5 mg/m <sup>2</sup> 8 hours.         2.2',2"-nitrilotriethanol       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Skin sensitizer.         2-aminoethanol       TWA: 5.7 S mg/m <sup>2</sup> 8 hours.         2-aminoethanol       STEL: 10 mg/m <sup>2</sup> 15 minutes.         STEL: 3 ppm 15 minutes.       STEL: 5.8 mg/m <sup>2</sup> 15 minutes.         STEL: 3 ppm 16 hours.       TWA: 5.2 mg/m <sup>2</sup> 8 hours.         TWA: 5.2 mg/m <sup>2</sup> 8 hours.       TWA: 5.2 mg/m <sup>2</sup> 8 hours.         Netherlands       E.2-(2-Butoxyethoxy)ethanol.         2-(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 72021). Absorbed through skin. Notes: Legal indicates a statutory value, Administrative value, Administr		
2.2.2."-Intrilotriethanol       TWA: 10 ppm 8 hours.         2aminoethanol       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Skin sensitizer.         TWA: 5 mg/m² 8 hours.       STEL: 10 mg/m² 15 minutes.         2-aminoethanol       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021).         Absorbed through skin.       STEL: 7.6 mg/m² 15 minutes.         STEL: 7.6 mg/m² 15 minutes.       STEL: 7.6 mg/m² 15 minutes.         STEL: 7.6 mg/m² 15 minutes.       STEL: 7.6 mg/m² 15 minutes.         VAX: 1 ppm 8 hours.       TWA: 2.5 mg/m² 8 hours.         WA: 2.6 mg/m² 8 hours.       TWA: 2.5 mg/m² 8 hours.         VAX: 10 pm 8 hours.       STEL: 7.6 mg/m² 8 hours.         VAX: 10 pm 8 hours.       TWA: 2.5 mg/m² 8 hours.         VAX: 10 pm 8 hours.       TWA: 5 0 mg/m² 8 hours.         Winistry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative 40 STEL: 1.5 min: 7.0 mg/m² 8 hours.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative 40 STEL: 1.5 min: 7.0 mg/m² 15 minutes.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value 7 TWA: 10 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m² 8 hours.     <		
2.2*.2*-nitrilotriethanol       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Skin sensitizer. TWA: 5 mg/m³ 8 hours. STEL: 10 mg/m³ 15 minutes.         2-aminoethanol       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Absorbed through skin. STEL: 3 pg m1 6 minutes. STEL: 3 pg m1 6 mours. TWA: 5 mg/m³ 8 hours.         Netherlands       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 72021). Absorbed through skin. Notes: Legal indicates a statutory value, Administrative indicates an administrative value, Administrative indicates an administrative value, Administrative value, Administrative indicates an administrative value, Administrative indicates an administrative value, Administrative indicates an administrative value, Administrative value, Administrative STEL, 15-min: 70 mg/m³ 8 hours.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 72021). Absorbed through skin. Notes: Administrative STEL, 15-min: 70 mg/m³ 15 minutes.         2-aminoethanol       STEL, 15-min: 70 mg/m³ 15 minutes. OEL, 8-h TWA: 50 mg/m³ 8 hours.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours. TWA: 10 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 25 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 25 mg/m³ 8 hours.         Poland       Regulation of the Minister of Family, Labor and Social Policy of 18 Forburay 2021; regarding the highest permissible concentrations and values o		
2-aminoethanol       STEL: 10 mg/m² 15 minutes.         2-aminoethanol       Lithuania Hygiene Standard HN 23 (Lithuania, 1/2021).         Absorbed through skin.       STEL: 7.6 mg/m² 15 minutes.         STEL: 7.6 mg/m² 15 minutes.       STEL: 7.6 mg/m² 15 minutes.         TWA: 2.5 mg/m² 8 hours.       TWA: 2.5 mg/m² 8 hours.         TWA: 2.5 mg/m² 8 hours.       TWA: 1 ppm 8 hours.         P(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       OEL, &-h TWA: 50 mg/m² 8 hours.         Winistry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: STEL, 15-min: 7.6 mg/m² 15 minutes.         2-aminoethanol       Winistry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative auintes.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: Indicative limit value STWA: 10 ppm 8 hours.         2,2',2''-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: Indicative limit value TWA: 10 ppm 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: Indicative limit value TWA: 10 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-	2.2'.2"-nitrilotriethanol	
2-aminoethanol       STEL: 10 mg/m² 15 minutes.         2-aminoethanol       Lithuania Hygiene Standard HN 23 (Lithuania, 1/2021).         Absorbed through skin.       STEL: 7.6 mg/m² 15 minutes.         STEL: 7.6 mg/m² 15 minutes.       TWA: 2.5 mg/m² 8 hours.         TWA: 2.5 mg/m² 8 hours.       TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background).         0-EL, 8-h TWA: 50 mg/m² 6 hours.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative Structure and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative Structure and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Indicative limit value and thours.     <	_,_ ,	
2-aminoethanol       STEL: 10 mg/m² 15 minutes.         2-aminoethanol       Lithuania Hygiene Standard HN 23 (Lithuania, 1/2021).         Absorbed through skin.       STEL: 7.6 mg/m² 15 minutes.         STEL: 7.6 mg/m² 15 minutes.       TWA: 2.5 mg/m² 8 hours.         TWA: 2.5 mg/m² 8 hours.       TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background).         0-EL, 8-h TWA: 50 mg/m² 6 hours.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative Structure and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative Structure and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Indicative limit value and thours.     <		
2-aminoethanol       Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021). Absorbed through skin.         STEL: 3 pgm 15 minutes. STEL: 3 pgm 15 minutes. TWA: 25 mg/m <sup>3</sup> 16 hours. TWA: 1 ppm 8 hours.         P-(2-Butoxysthoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background).         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. STEL: 15-min: 100 mg/m <sup>3</sup> 16 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL: 15-min: 100 mg/m <sup>3</sup> 15 minutes.         2-aminoethanol       STEL: 15-min: 7.6 mg/m <sup>3</sup> 15 minutes. OEL, 8-h TWA: 2.5 mg/m <sup>3</sup> 16 minutes.         Norway       Z: 2:2"-initrilotriethanol.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours. TWA: 68 mg/m <sup>3</sup> 8 hours. TWA: 68 mg/m <sup>3</sup> 8 hours. TWA: 50 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.         Poland       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agent		
Absorbed through skin.       STEL: 7.6 mg/m³ 15 minutes.         STEL: 7.6 mg/m³ 15 minutes.       TWA: 2.5 mg/m³ 8 hours.         TWA: 2.5 mg/m³ 8 hours.       TWA: 2.5 mg/m³ 8 hours.         2-(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background).         0-EL, 8-h TWA: 50 mg/m³ 8 hours.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit values (Netherlands)         2/(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours.         2.2/(2*-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin.         2.4       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin.         2.2       Z'(2-Butoxyethoxy)ethanol.	2-aminoethanol	•
STEL: 3 pm 15 minutes.         STEL: 3 pm 15 minutes.         STEL: 3 pm 15 minutes.         TWA: 2.5 mg/m² 8 hours.         TWA: 1 pm 8 hours.         TWA: 10 pm 8 hours.         TWA: 10 pm 8 hours.         TWA: 68 mg/m² 8 hours.         TWA: 10 pm 8 hours.         TW		
STEL: 3 ppm 16 minutes. TWA: 1 ppm 8 hours. TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Administrative indicates an administrative value that is not legally binding (see background). OEL, eh TWA: 50 mg/m <sup>3</sup> 8 hours. Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. STEL, 15-min: 100 mg/m <sup>3</sup> 15 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.0 mg/m <sup>3</sup> 15 minutes.         2-aminoethanol       STEL, 15-min: 7.0 mg/m <sup>3</sup> 15 minutes. OEL, 8-h TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 68 mg/m <sup>3</sup> 8 hours. TWA: 68 mg/m <sup>3</sup> 8 hours. TWA: 68 mg/m <sup>3</sup> 8 hours.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 1 ppm 8 hours.         2-deal       Regulation of the Minister of Family, Labor and Social Policy of 18 Fobruary 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m <sup>3</sup> 15 minutes.         <		
Netherlands         2-(2-Butoxyethoxy)ethanol.         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal limit cates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background).         0       DEL, 8-h TWA: 50 mg/m <sup>3</sup> 8 hours.         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       STEL, 15-min: 100 mg/m <sup>3</sup> 15 minutes.         Norway       STEL, 15-min: 7.6 mg/m <sup>3</sup> 15 minutes.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit values TWA: 10 ppm 8 hours.         2.(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours.         2.(2-Butoxyethoxy)ethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours.         2.(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours.         2.(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 10 ppm 8 hours.         2.(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 10 ppm 8 hours.         2.(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 10 ppm 8 hours.<		
Netherlands       TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background).         2-aminoethanol       OEL, 8-h TWA: 50 mg/m <sup>3</sup> 8 hours.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         Norway       STEL, 15-min: 7.6 mg/m <sup>3</sup> 15 minutes.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.       TWA: 50 mg/m <sup>3</sup> 8 hours.         2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: TWA: 58 mg/m <sup>3</sup> 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: Indicative limit value         TWA: 10 ppm 8 hours.       TWA: 5 mg/m <sup>3</sup> 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: Indicative limit v		
Netherlands         2-(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background). OEL, 8-h TWA: 50 mg/m³ 8 hours.         2-aminoethanol       OEL, 8-h TWA: 50 mg/m³ 8 hours.         2-aminoethanol       STEL, 15-min: 100 mg/m³ 15 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.6 mg/m³ 15 minutes.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         Norway       2-(2-Butoxyethoxy)ethanol.         2.2?,2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2.4.aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2.2.2,?_"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2.4.aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         2.4.aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.       TWA: 25 mg/m³ 8 hours.         2.4.aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes indicative limit value         TWA: 25 mg/m³ 8 hours.       TWA: 10 ppm 8 hours.		
2-(2-Butoxyethoxy)ethanol.       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Admini-strative indicates an administrative value that is not legally binding (see background).         2-aminoethanol       OEL, 8-h TWA: 50 mg/m² 8 hours.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.6 mg/m³ 15 minutes.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit values TWA: 10 ppm 8 hours.         2.2/,2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021).         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021).         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021).         2-(2-Butoxyethoxy)	No de sub-su de	
(Netherlands, 7/2021). Absorbed through skin. Notes: Legal indicates a statutory value, Administrative indicates an administrative value that is not legally binding (see background).         OEL, 8-h TWA: 50 mg/m³ 8 hours.         Winistry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         STEL, 15-min: 100 mg/m³ 15 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.6 mg/m³ 15 minutes.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         Norway       2-(2-Butoxyethoxy)ethanol.         2.2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 50 mg/m³ 8 hours.       TWA: 50 mg/m³ 8 hours.         2.2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 50 mg/m³ 8 hours.       TWA: 50 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 50 mg/m³ 8 hours.       TWA: 50 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: Indicative limit value         TWA: 50 mg/m³ 8 hours.       TWA: 50 mg/m³ 8 hours.         Poland       Z-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021	Netherlands	
indicates a statutory value, Administrative indicates an administrative value that is not legally binding (see background).         OEL, 8-h TWA: 50 mg/m³ 8 hours.         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         STEL, 15-min: 100 mg/m³ 15 minutes.         Norway         2-(2-Butoxyethoxy)ethanol.         FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         Xin:stry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative         STEL, 15-min: 7.6 mg/m³ 15 minutes.         OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         Value         TWA: 10 ppm 8 hours.         V: 400         TWA: 50 mg/m³ 8 hours.         2.2';2"-nitrilotriethanol         FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 50 mg/m³ 8 hours.         2.2';2"-nitrilotriethanol         FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 25 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 25 mg/m³ 8 hours.         Poland       Poland         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highes	2-(2-Butoxyethoxy)ethanol.	
administrative value that is not legally binding (see background).         OEL, 8-h TWA: 50 mg/m³ 8 hours.         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         STEL, 15-min: 100 mg/m³ 15 minutes.         Administrative         STEL, 15-min: 7.6 mg/m³ 15 minutes.         Norway         2-(2-Butoxyethoxy)ethanol.         FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.         TWA: 68 mg/m³ 8 hours.         2.2,2"."-intrilotriethanol         FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.         TWA: 68 mg/m³ 8 hours.         2.4minoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 50 mg/m³ 8 hours.         2.4minoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 50 mg/m³ 8 hours.         2.4minoethanol         FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 25 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin.         VA: 10 ppm 8 hours.         TWA: 25 mg/m³ 8 hours.         TWA: 10 ppm 8 hours.         TWA: 10 ppm 8 hours.		(Netherlands, 7/2021). Absorbed through skin. Notes: Legal
background).       OEL, 8-h TWA: 50 mg/m³ 8 hours.         2-aminoethanol       Winistry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       STEL, 15-min: 100 mg/m³ 15 minutes.         2-aminoethanol       Winistry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.6 mg/m³ 15 minutes.         0       OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         12       2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 25 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         Poland       Poland       Poland         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours.         2-aminoethanol <td></td> <td>indicates a statutory value, Admini¬strative indicates an</td>		indicates a statutory value, Admini¬strative indicates an
OEL, 8-h TWA: 50 mg/m³ 8 hours.         2-aminoethanol         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         STEL, 15-min: 100 mg/m³ 15 minutes.         Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative         STEL, 15-min: 7.6 mg/m³ 15 minutes.         OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         Norway         2-(2-Butoxyethoxy)ethanol.         FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.         TWA: 58 mg/m³ 8 hours.         2.2'; 2"-nitrilotriethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 5 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 5 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 5 mg/m³ 8 hours.         Poland         2-(2-Butoxyethoxy)ethanol.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible		administrative value that is not legally binding (see
2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin.         2-aminoethanol       STEL, 15-min: 100 mg/m³ 15 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.6 mg/m³ 15 minutes. OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         Norway       2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours. TWA: 68 mg/m³ 8 hours.         2.2'?.2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journa		background).
2-aminoethanol       (Netherlands, 7/2021). Absorbed through skin. STEL, 15-min: 100 mg/m <sup>3</sup> 15 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.6 mg/m <sup>3</sup> 15 minutes. OEL, 8-h TWA: 2.5 mg/m <sup>3</sup> 8 hours.         Norway       2-(2-Butoxyethoxy)ethanol.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours. TWA: 68 mg/m <sup>3</sup> 8 hours.         2./(2-Butoxyethoxy)ethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 58 mg/m <sup>3</sup> 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m <sup>3</sup> 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 2.5 mg/m <sup>3</sup> 8 hours.         Poland       2-(2-Butoxyethoxy)ethanol.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m <sup>3</sup> 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m <sup>3</sup> 15 minutes.		OEL, 8-h TWA: 50 mg/m <sup>3</sup> 8 hours.
2-aminoethanol       STEL,15-min: 100 mg/m³ 15 minutes.         2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative         STEL,15-min: 7.6 mg/m³ 15 minutes.       OEL, 8-h TWA: 2.5 mg/m³ 15 minutes.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours.         2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 68 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         Poland       Polend         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (J		Ministry of Social Affairs and Employment, Legal limit values
2-aminoethanol       Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.6 mg/m³ 15 minutes. OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         Norway       -(2-Butoxyethoxy)ethanol.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours. TWA: 68 mg/m³ 8 hours.         2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 5 mg/m³ 8 hours.         Poland       -         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours. STEL: 100 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin.		(Netherlands, 7/2021). Absorbed through skin.
(Netherlands, 7/2021). Absorbed through skin. Notes: Administrative STEL, 15-min: 7.6 mg/m³ 15 minutes. OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         Norway       2-(2-Butoxyethoxy)ethanol.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours. TWA: 68 mg/m³ 8 hours.         2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         Poland       TWA: 1 ppm 8 hours. TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours. STEL: 100 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.		STEL,15-min: 100 mg/m <sup>3</sup> 15 minutes.
Administrative         STEL, 15-min: 7.6 mg/m³ 15 minutes.         OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         2-(2-Butoxyethoxy)ethanol.         FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.         TWA: 10 ppm 8 hours.         TWA: 68 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 68 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 5 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         Administrative limit value         TWA: 5 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         Abors.         Poland         2-(2-Butoxyethoxy)ethanol.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Mini	2-aminoethanol	Ministry of Social Affairs and Employment, Legal limit values
Administrative         STEL, 15-min: 7.6 mg/m³ 15 minutes.         OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         2-(2-Butoxyethoxy)ethanol.         FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.         TWA: 10 ppm 8 hours.         TWA: 68 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 68 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 5 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         Administrative limit value         TWA: 5 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         Abors.         Poland         2-(2-Butoxyethoxy)ethanol.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Mini		(Netherlands, 7/2021). Absorbed through skin. Notes:
Norway       OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours. TWA: 68 mg/m³ 8 hours.         2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         Poland       TWA: 1 ppm 8 hours. TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 100 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.		
Norway       OEL, 8-h TWA: 2.5 mg/m³ 8 hours.         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value TWA: 10 ppm 8 hours. TWA: 68 mg/m³ 8 hours.         2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours.         Poland       TWA: 1 ppm 8 hours. TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 100 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.		STEL.15-min: 7.6 mg/m <sup>3</sup> 15 minutes.
Norway         2-(2-Butoxyethoxy)ethanol.         FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.         TWA: 10 ppm 8 hours.         TWA: 68 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 5 mg/m³ 8 hours.         2-aminoethanol         FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2 forg/m³ 8 hours.         FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2 forg/m³ 8 hours.         FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2 forg/m³ 8 hours.         FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 5 mg/m³ 8 hours.         FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2 forg/m³ 8 hours.         TWA: 1 ppm 8 hours.         Poland         2-(2-Butoxyethoxy)ethanol.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.		
2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021). Notes: indicative limit value         TWA: 10 ppm 8 hours.       TWA: 10 ppm 8 hours.         2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021).         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2.5 mg/m³ 8 hours.       TWA: 2.5 mg/m³ 8 hours.         Poland       TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       STEL: 7.5 mg/m³ 15 minutes.	Norway	
value       TWA: 10 ppm 8 hours. TWA: 68 mg/m³ 8 hours.         2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021).         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021).         WA: 5 mg/m³ 8 hours.       FOR-2011-12-06-1358 (Norway, 6/2021).         Poland       FOR-2011-12-06-1358 (Norway, 6/2021).         2-(2-Butoxyethoxy)ethanol.       FOR-2011-12-06-1358 (Norway, 6/2021).         Poland       TWA: 2.5 mg/m³ 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       STEL: 100 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       STEL: 100 mg/m³ 15 minutes.         2-aminoethanol       STEL: 100 mg/m³ 15 minutes.	-	
2,2',2"-nitrilotriethanol       TWA: 10 ppm 8 hours. TWA: 68 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value TWA: 2.5 mg/m³ 8 hours. TWA: 1 ppm 8 hours.         Poland       2-(2-Butoxyethoxy)ethanol.         Poland       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.	2-(2-Butoxyethoxy)ethanol.	
2,2',2"-nitrilotriethanol       TWA: 68 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 5 mg/m³ 8 hours.       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2.5 mg/m³ 8 hours.       TWA: 2.5 mg/m³ 8 hours.         Poland       TWA: 2.5 mg/m³ 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin.         STEL: 7.5 mg/m³ 15 minutes.       STEL: 7.5 mg/m³ 15 minutes.		
2,2',2"-nitrilotriethanol       FOR-2011-12-06-1358 (Norway, 6/2021).         TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2.5 mg/m³ 8 hours.         Poland       TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin.		
2-aminoethanol       TWA: 5 mg/m³ 8 hours.         2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2.5 mg/m³ 8 hours.       TWA: 2.5 mg/m³ 8 hours.         Poland       TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       TWA: 67 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         TWA: 67 mg/m³ 15 minutes.       STEL: 100 mg/m³ 15 minutes.         STEL: 7.5 mg/m³ 15 minutes.       STEL: 7.5 mg/m³ 15 minutes.		
2-aminoethanol       FOR-2011-12-06-1358 (Norway, 6/2021). Absorbed through skin. Notes: indicative limit value         TWA: 2.5 mg/m³ 8 hours.       TWA: 2.5 mg/m³ 8 hours.         Poland       TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       TWA: 67 mg/m³ 8 hours.         2-aminoethanol       STEL: 100 mg/m³ 15 minutes.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       STEL: 100 mg/m³ 15 minutes.         STEL: 7.5 mg/m³ 15 minutes.       STEL: 7.5 mg/m³ 15 minutes.	2,2',2"-nitrilotriethanol	
skin. Notes: indicative limit value         TWA: 2.5 mg/m³ 8 hours.         TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         TWA: 67 mg/m³ 8 hours.         STEL: 100 mg/m³ 15 minutes.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         TWA: 67 mg/m³ 15 minutes.         STEL: 100 mg/m³ 15 minutes.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         STEL: 7.5 mg/m³ 15 minutes.		
Poland       TWA: 2.5 mg/m³ 8 hours. TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours. STEL: 100 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.	2-aminoethanol	
Poland       TWA: 1 ppm 8 hours.         2-(2-Butoxyethoxy)ethanol.       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         TWA: 67 mg/m³ 8 hours.       STEL: 100 mg/m³ 15 minutes.         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         2-aminoethanol       Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         STEL: 7.5 mg/m³ 15 minutes.		
Poland         2-(2-Butoxyethoxy)ethanol.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         TWA: 67 mg/m³ 8 hours.         STEL: 100 mg/m³ 15 minutes.         Permineethanol         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         STEL: 100 mg/m³ 15 minutes.         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).         STEL: 7.5 mg/m³ 15 minutes.		0
<ul> <li>2-(2-Butoxyethoxy)ethanol.</li> <li>Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).</li> <li>TWA: 67 mg/m<sup>3</sup> 8 hours. STEL: 100 mg/m<sup>3</sup> 15 minutes.</li> <li>Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).</li> </ul>		TWA: 1 ppm 8 hours.
of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours. STEL: 100 mg/m³ 15 minutes.2-aminoethanolRegulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).2-aminoethanolRegulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.	Poland	
of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours. STEL: 100 mg/m³ 15 minutes.2-aminoethanolRegulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).2-aminoethanolRegulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.	2-(2-Butoxyethoxy)ethanol	Regulation of the Minister of Family, Labor and Social Policy
2-aminoethanolconcentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). TWA: 67 mg/m³ 8 hours. STEL: 100 mg/m³ 15 minutes.2-aminoethanolRegulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).2-aminoethanolRegulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.	_ (	
work environment (Journal of Laws 2021, item 325) (Poland, 2/2021).2-aminoethanolTWA: 67 mg/m³ 8 hours. STEL: 100 mg/m³ 15 minutes.2-aminoethanolRegulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.		
2/2021).         TWA: 67 mg/m³ 8 hours.         STEL: 100 mg/m³ 15 minutes.         2-aminoethanol         Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin.         STEL: 7.5 mg/m³ 15 minutes.		-
2-aminoethanolTWA: 67 mg/m³ 8 hours. STEL: 100 mg/m³ 15 minutes.2-aminoethanolRegulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.		
2-aminoethanol 2-aminoethanol 2-aminoethanol STEL: 100 mg/m <sup>3</sup> 15 minutes. Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m <sup>3</sup> 15 minutes.		•
2-aminoethanol Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m <sup>3</sup> 15 minutes.		
of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m <sup>3</sup> 15 minutes.	2-aminoethanol	
concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m <sup>3</sup> 15 minutes.		
work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. STEL: 7.5 mg/m³ 15 minutes.		
<b>2/2021). Absorbed through skin.</b> STEL: 7.5 mg/m³ 15 minutes.		•
STEL: 7.5 mg/m <sup>3</sup> 15 minutes.		
TWA. 2.5 mg/m o hours.		

: September 28, 2023.

Portugal	
2-(2-Butoxyethoxy)ethanol.	<b>Portuguese Institute of Quality (Portugal, 11/2014).</b> TWA: 10 ppm 8 hours. Form: Inhalable fraction and vapor
2,2',2"-nitrilotriethanol	<b>Portuguese Institute of Quality (Portugal, 11/2014).</b> TWA: 5 mg/m <sup>3</sup> 8 hours.
2-aminoethanol	Portuguese Institute of Quality (Portugal, 11/2014). STEL: 6 ppm 15 minutes. TWA: 3 ppm 8 hours.
Romania	
2-(2-Butoxyethoxy)ethanol.	HG 1218/2006 with subsequent modifications and additions (Romania, 3/2021). VLA: 67.5 mg/m <sup>3</sup> 8 hours. Short term: 101.2 mg/m <sup>3</sup> 15 minutes. Short term: 15 ppm 15 minutes. VLA: 10 ppm 8 hours.
2-aminoethanol	HG 1218/2006 with subsequent modifications and additions (Romania, 3/2021). Absorbed through skin. VLA: 2.5 mg/m <sup>3</sup> 8 hours. VLA: 1 ppm 8 hours. Short term: 7.6 mg/m <sup>3</sup> 15 minutes. Short term: 3 ppm 15 minutes.
Slovakia	
2-(2-Butoxyethoxy)ethanol.	Government regulation SR c. 355/2006 (Slovakia, 9/2020). STEL: 101.2 mg/m <sup>3</sup> 15 minutes. TWA: 67.5 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours. STEL: 15 ppm 15 minutes.
2-aminoethanol	Government regulation SR c. 355/2006 (Slovakia, 9/2020). Absorbed through skin. STEL: 7.6 mg/m <sup>3</sup> 15 minutes. TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 1 ppm 8 hours. STEL: 3 ppm 15 minutes.
Slovenia	
2-(2-Butoxyethoxy)ethanol.	Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). TWA: 67.5 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours. KTV: 101.2 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. KTV: 15 ppm, 4 times per shift, 15 minutes.
2-aminoethanol	Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). Absorbed through skin. TWA: 2.5 mg/m <sup>3</sup> 8 hours. TWA: 1 ppm 8 hours. KTV: 7.6 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. KTV: 3 ppm, 4 times per shift, 15 minutes.
pyridine-2-thiol 1-oxide, sodium salt	Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). Absorbed through skin. TWA: 1 mg/m <sup>3</sup> 8 hours. Form: inhalable fraction KTV: 2 mg/m <sup>3</sup> , 4 times per shift, 15 minutes. Form: inhalable fraction
Spain	

SECTION 8: Exposure controls/personal protection			
2-(2-Butoxyethoxy)ethanol.	National institute of occupational safety and health (Spain,		
	4/2021).		
	TWA: 67.5 mg/m <sup>3</sup> 8 hours.		
	TWA: 10 ppm 8 hours. STEL: 15 ppm 15 minutes.		
	STEL: 101.2 mg/m <sup>3</sup> 15 minutes.		
2,2',2"-nitrilotriethanol	National institute of occupational safety and health (Spain,		
<u>_,_ ,_</u>	<b>4/2021).</b> TWA: 5 mg/m <sup>3</sup> 8 hours.		
2-aminoethanol	National institute of occupational safety and health (Spain,		
	4/2021). Absorbed through skin.		
	STEL: 7.5 mg/m <sup>3</sup> 15 minutes.		
	STEL: 3 ppm 15 minutes.		
	TWA: 2.5 mg/m <sup>3</sup> 8 hours.		
	TWA: 1 ppm 8 hours.		
Sweden			
2-(2-Butoxyethoxy)ethanol.	Work environment authority Regulation 2018:1 (Sweden,		
( ) ),	9/2021).		
	STEL: 101 mg/m <sup>3</sup> 15 minutes.		
	STEL: 15 ppm 15 minutes.		
	TWA: 68 mg/m <sup>3</sup> 8 hours.		
	TWA: 10 ppm 8 hours.		
2,2',2"-nitrilotriethanol	Work environment authority Regulation 2018:1 (Sweden,		
	9/2021). Absorbed through skin.		
	TWA: 5 mg/m <sup>3</sup> 8 hours.		
	STEL: 10 mg/m <sup>3</sup> 15 minutes. STEL: 1.6 ppm 15 minutes.		
	TWA: 0.8 ppm 8 hours.		
2-aminoethanol	Work environment authority Regulation 2018:1 (Sweden,		
	9/2021). Absorbed through skin.		
	STEL: 7.5 mg/m <sup>3</sup> 15 minutes.		
	STEL: 3 ppm 15 minutes.		
	TWA: 2.5 mg/m <sup>3</sup> 8 hours.		
	TWA: 1 ppm 8 hours.		
Switzerland			
2-(2-Butoxyethoxy)ethanol.	SUVA (Switzerland, 1/2021). Notes: not temporary		
	STEL: 101 mg/m <sup>3</sup> 15 minutes. Form: vapour and aerosols		
	TWA: 67 mg/m <sup>3</sup> 8 hours. Form: vapour and aerosols		
	SUVA (Switzerland, 1/2021).		
	STEL: 15 ppm 15 minutes. Form: vapour and aerosols		
	TWA: 10 ppm 8 hours. Form: vapour and aerosols		
2,2',2"-nitrilotriethanol	SUVA (Switzerland, 1/2021).		
	STEL: 5 mg/m <sup>3</sup> 15 minutes. Form: Inhalable fraction		
2-aminoethanol	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction <b>SUVA (Switzerland, 1/2021). Skin sensitizer. Notes: not</b>		
	temporary		
	STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: vapour and aerosols		
	STEL: 4 ppm 15 minutes. Form: vapour and aerosols		
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: vapour and aerosols		
	TWA: 2 ppm 8 hours. Form: vapour and aerosols		
pyridine-2-thiol 1-oxide, sodium salt	SUVA (Switzerland, 1/2021). [] Absorbed through skin.		
	TWA: 0.2 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction		
	STEL: 0.4 mg/m <sup>3</sup> 15 minutes. Form: Inhalable fraction		
Turkey			

TROYSHIELD SC1

2-(2-Butoxyethoxy)ethanol.	TR ISGGM OEL (Turkey, 12/2013).
	TWA: 67.5 mg/m <sup>3</sup> 8 hours.
	TWA: 10 ppm 8 hours.
	STEL: 101.2 mg/m <sup>3</sup> 15 minutes.
	STEL: 15 ppm 15 minutes.
2,2',2"-nitrilotriethanol	ACGIH TLV (United States, 1/2022).
	TWA: 5 mg/m <sup>3</sup> 8 hours.
2-aminoethanol	TR ISGGM OEL (Turkey, 12/2013). Absorbed through skin.
	TWA: 2.5 mg/m <sup>3</sup> 8 hours.
	TWA: 1 ppm 8 hours.
	STEL: 7.6 mg/m <sup>3</sup> 15 minutes.
	STEL: 3 ppm 15 minutes.
United Kingdom (UK)	
2-(2-Butoxyethoxy)ethanol.	EH40/2005 WELs (United Kingdom (UK), 1/2020).
	TWA: 10 ppm 8 hours.
	STEL: 15 ppm 15 minutes.
	TWA: 67.5 mg/m <sup>3</sup> 8 hours.
	STEL: 101.2 mg/m <sup>3</sup> 15 minutes.
2-aminoethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 7.6 mg/m <sup>3</sup> 15 minutes.
	STEL: 3 ppm 15 minutes.
	TWA: 2.5 mg/m <sup>3</sup> 8 hours.
	TWA: 1 ppm 8 hours.
pyridine-2-thiol 1-oxide, sodium salt	EH40/2005 WELs (United Kingdom (UK)).
	TWA: 0.35 mg/m <sup>3</sup>
	duct contains ingredients with exposure limits, personal, workplace
procedures atmosphe	re or biological monitoring may be required to determine the effectivene
	tilation or other control measures and/or the necessity to use respiratory
	equipment. Reference should be made to monitoring standards, such a
the followi	ing: European Standard EN 689 (Workplace atmospheres - Guidance f

the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
2,2',2"-(hexahydro-1,3,5-triazine- 1,3,5-triyl)triethanol	DNEL	Long term Inhalation	0.2 mg/m <sup>3</sup>	Workers	Local
2-(2-Butoxyethoxy)ethanol.	DNEL	Long term Oral	5 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Short term Dermal	89 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	50 mg/kg bw/day	General population [Consumers]	Systemic
	DNEL	Long term Dermal	83 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	40.5 mg/m <sup>3</sup>	General population [Consumers]	Systemic
	DNEL	Long term Inhalation	67.5 mg/m <sup>3</sup>		Systemic
	DNEL	Short term	101.2 mg/	Workers	Local
1	otember 2023.	Date of previous issue	: March 0	8, 2023.	Version : 3.01

# **SECTION 8: Exposure controls/personal protection**

bechow of exposure controls/personal protection						
			Inhalation	$m^{3}$	Conorol	
		DNEL	Short term Inhalation	60.7 mg/m <sup>3</sup>	General population	Local
					[Consumers]	
		DNEL	Long term	60.7 mg/m³		Local
			Inhalation	0	population	
					[Consumers]	
		DNEL	Long term	67.5 mg/m³	Workers	Local
			Inhalation			
2-a	aminoethanol	DNEL	Long term Dermal	1 mg/kg	Workers	Systemic
				bw/day		
		DNEL	Long term Inhalation	3.3 mg/m³	Workers	Local
		DNEL	Long term Oral	3.75 mg/	General	Local
				kg bw/day	population	
					[Consumers]	
		DNEL	Long term Dermal	0.24 mg/	General	Systemic
				kg bw/day	population	
				0	[Consumers]	1 1
		DNEL	Long term	2 mg/m³	General	Local
			Inhalation		population	
					[Consumers]	

## **PNECs**

Product/ingredient name	Compartment Detail	Value	Method Detail
2-(2-Butoxyethoxy)ethanol.	Fresh water	1.1 mg/l	-
· · · · · ·	Fresh water sediment	4.4 mg/kg	-
	Marine water	0.11 mg/l	-
	Marine water sediment	0.44 mg/kg	-
	Sewage Treatment	200 mg/l	-
	Plant		
	Soil	0.32 mg/kg	-
	Secondary Poisoning	56 mg/kg	-
2-aminoethanol	Fresh water	0.085 mg/l	-
	Marine	0.0085 mg/l	-
	Secondary Poisoning	0.025 mg/l	-
	Fresh water sediment	0.425 mg/kg wwt	-
	Marine water sediment	0.0425 mg/kg wwt	-
	Soil	0.035 mg/kg wwt	-
	Sewage Treatment	100 mg/l	-
	Plant	-	

8.2 Exposure controls								
Appropriate engineering controls	:	: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.						
Individual protection meas	<u>ures</u>							
Hygiene measures	:	before eatin Appropriate Contaminat contaminate	ng, smoking and usin techniques should b ted work clothing sho	e thoroughly after handling g the lavatory and at the en- be used to remove potentia ould not be allowed out of the using. Ensure that eyewas ation location.	nd of the wo Ily contamin ne workplace	rking pe ated clo e. Wash	thing. า	
Eye/face protection	:	assessmen gases or du worn, unles splash gogg	t indicates this is nec ists. (EN166) If con is the assessment inc	an approved standard shou cessary to avoid exposure t tact is possible, the followin dicates a higher degree of ld. If inhalation hazards ex	to liquid spla ng protectior protection:	ishes, m n should chemica	iists, be I	
Skin protection								
Date of issue/Date of revision		: September 28, 2023.	Date of previous issue	: March 08, 2023.	Version	: 3.01	16/26	

TROYSHIELD SC1

# **SECTION 8: Exposure controls/personal protection**

Hand protection	<ul> <li>Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Wear suitable gloves tested to EN374. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. for example KCL (Material: article number (thickness in mm)): Naturlatex I: 0395 (1.0)</li> <li>Naturlatex II: 0706 (0.6), 0708 (0.5)</li> <li>Neoprene Nitril II: 0717 (-)</li> <li>neoprene (Polychloropene): 0720 (0.65)</li> <li>Nitrile I: 0730 (0.4), 0733 (0.5)</li> <li>Nitrile II: 0740 (0.11)</li> <li>Nitrile III: 0743 (-)</li> <li>Viton: 0890 (0.7)</li> <li>Butyl: 0898 (0.7)</li> <li>Butyl II: 0897 (-)</li> <li>The above mentioned breakthrough times are based on KCL laboratory test results according to EN374 and are only applicable for these KCL gloves.</li> </ul>
	purpose. Should the worker be exposed to mixtures of the product with other ingredients or to other products, safety advice on gloves can be obtained with the supplier of CE-approved gloves (i.e. KCL GmbH, D-36124 Eichenzell, Tel. ++49 (0) 6659 87300, Fax: ++49 (0) 6659 87155, e-mail vertrieb@kcl.de).
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. (EN343)
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

# **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Colorless to light yellow.
Odor	: Characteristic.
Odor threshold	: Not available.
Melting point/freezing point	: Not available.
Initial boiling point and boiling range	: 100°C (212°F)
Flammability	: Not available.

TROYSHIELD SC1

nd	chemical proper	ties	
1	Not available.		
:	Closed cup: >100°C (>2	12°F)	
:			
	°C	°F	Method
	210	410	
	324	615.2	
	385 to 410	725 to 770	
:	Not available.		
1	9.6 to 10.3 [Conc. (% w/	w): 2%]	
1	Not available.		
4			
	Result		
	Soluble Soluble		
:	Not available.		
:	Yes.		
:	Not applicable.		
:	<1 kPa (<7.5 mm Hg)		
1	1.015 to 1.045 kg/L		
:	1.015 to 1.045 g/cm3 [20	°C (68°F)]	
:	Not available.		
:	flames, sparks and static oxidizing materials, redu	c discharge, heat cing materials, c	t, shocks and mechanical impacts,
1	Not available.		
1	Not applicable.		
		<ul> <li>Not available.</li> <li>Closed cup: &gt;100°C (&gt;2</li> <li>210 324 385 to 410</li> <li>Not available.</li> <li>9.6 to 10.3 [Conc. (% w/v)</li> <li>Not available.</li> <li>9.6 to 10.3 [Conc. (% w/v)</li> <li>Not available.</li> <li>Soluble</li> <li>Soluble</li> <li>Not available.</li> <li>Yes.</li> <li>Not available.</li> <li>Yes.</li> <li>Not applicable.</li> <li>&lt;1 kPa (&lt;7.5 mm Hg)</li> <li>1.015 to 1.045 kg/L</li> <li>1.015 to 1.045 g/cm³ [20</li> <li>Not available.</li> <li>Non-explosive in the pre flames, sparks and static oxidizing materials, redu</li> </ul>	<ul> <li>Closed cup: &gt;100°C (&gt;212°F)</li> <li> <ul> <li></li></ul></li></ul>

# SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: No specific data.
10.5 Incompatible materials	: No specific data.
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

TROYSHIELD SC1

# **SECTION 11: Toxicological information**

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2,2',2"-(hexahydro- 1,3,5-triazine-1,3,5-triyl) triethanol	LC50 Inhalation Dusts and mists	Rat	0.37 mg/l	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	500 to 2000 mg/ kg	-
2-(2-Butoxyethoxy)ethanol.	LC50 Inhalation Gas.	Rat	>29 ppm	2 hours
	LD50 Dermal	Rabbit	2700 mg/kg	-
	LD50 Oral	Rat	3384 mg/kg	-
2-aminoethanol	LC50 Inhalation Vapor	Rat	>1.3 mg/l	6 hours
	LD50 Dermal	Rabbit	2504 mg/kg	-
	LD50 Oral	Rat	1089 mg/kg	-
pyridine-2-thiol 1-oxide, sodium salt	LC50 Inhalation Dusts and mists	Rat	1.08 mg/l	4 hours
	LC50 Inhalation Dusts and mists	Rat	2.7 mg/l	4 hours
	LD50 Dermal	Rabbit	700 mg/kg	-
	LD50 Dermal	Rabbit	1800 mg/kg	-
	LD50 Oral	Rat	750 mg/kg	-
	LD50 Oral	Rat	1500 mg/kg	-
	LD50 Oral	Rat	1208 mg/kg	-

**Conclusion/Summary** : Not available.

## Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
TROYSHIELD SC1	2500	N/A	N/A	N/A	1.5
2,2',2"-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	500	N/A	N/A	N/A	0.37
2-(2-Butoxyethoxy)ethanol.	3384	2700	N/A	N/A	N/A
2-aminoethanol	1089	1100	N/A	11	N/A
pyridine-2-thiol 1-oxide, sodium salt	500	790	N/A	N/A	0.5

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
2-(2-Butoxyethoxy)ethanol. pyridine-2-thiol 1-oxide, sodium salt	Eyes - Mild irritant Skin - Irritant	Rabbit Rabbit	-	-	-
	Eyes - Irritant	Rabbit	-	24 hours	-

## **Conclusion/Summary** : Not available.

### **Sensitization**

Product/ingredient name	Route of exposure	Species	Result
2,2',2"-(hexahydro- 1,3,5-triazine-1,3,5-triyl) triethanol 2-(2-Butoxyethoxy)ethanol. 2-aminoethanol pyridine-2-thiol 1-oxide,	skin skin skin skin	Guinea pig Guinea pig Guinea pig Guinea pig	Sensitizing Not sensitizing Not sensitizing Not sensitizing
sodium salt Conclusion/Summary Mutagenicity	: Not available.		

# **SECTION 11: Toxicological information**

Product/ingredient name	Test	Experime	nt	Result
pyridine-2-thiol 1-oxide, sodium salt	471 Bacterial Reverse Mutation Test	Experiment: In vitro Subject: Bacteria		legative
	474 Mammalian Erythrocyte Micronucleus Test	Experiment: In vivo Subject: Mammalian-A		legative
Conclusion/Summary	: Not available.	•	•	
<b>Carcinogenicity</b>				
Conclusion/Summary	: Not available.			
Reproductive toxicity				
Conclusion/Summary	: Not available.			
Teratogenicity				
Conclusion/Summary	: Not available.			
Specific target organ toxicit	<u>y (single exposure)</u>			
Broduct/ing	adjont name	Cotogony	Pouto of	Torget organ

Product/ingredient name	Category	Route of exposure	Target organs
2-aminoethanol	Category 3	-	Respiratory tract irritation

## Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
2,2',2"-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol pyridine-2-thiol 1-oxide, sodium salt	Category 1 Category 1		respiratory system nervous system

### **Aspiration hazard**

Not available.

#### Information on the likely : Not available.

routes of exposure

Toules of exposure	
Potential acute health effects	

Eye contact	: Causes serious eye damage.
Inhalation	: Harmful if inhaled.
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains

## Delayed and immediate effects and also chronic effects from short and long term exposure Short term exposure

Date of issue/Date of revision

# **SECTION 11: Toxicological information**

	•
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	ects
Not available.	
Conclusion/Summary	: Not available.
General	: May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

## 11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

## **11.2.2 Other information**

Not available.

# **SECTION 12: Ecological information**

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
2,2',2"-(hexahydro- 1,3,5-triazine-1,3,5-triyl) triethanol	Acute EC50 26.1 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 >118 ppm Marine water	Fish - Cyprinodon variegatus	96 hours
2-(2-Butoxyethoxy)ethanol.	EC50 >100 mg/l	Algae - Scenedesmus subspicatus	96 hours
	Acute EC10 1170 mg/l	Micro-organism	18 hours
	Acute EC50 >100 mg/l	Aquatic plants	96 hours
	Acute EC50 >100 mg/l	Daphnia	48 hours
	Acute EC50 >1000 mg/l	Daphnia	48 hours
	Acute LC50 2700 mg/l	Fish	96 hours
	Acute LC50 1300000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
2-aminoethanol	EC10 >1000 mg/l	Micro-organism	30 minutes
	Acute EC50 2.8 mg/l	Crustaceans - Pseudikirchneriella subcapitata	72 hours
	Acute EC50 65 mg/l	Daphnia	48 hours
	Acute LC50 349 mg/l	Fish - Cyprinus carpio	96 hours
	Chronic NOEC 0.85 mg/l	Daphnia - Daphnia magna	21 days
	Chronic NOEC 1.24 mg/l	Fish - Oryzias latipes	30 days
pyridine-2-thiol 1-oxide, sodium salt	Acute EC50 0.46 mg/l	Algae - green algae	72 hours
	Acute EC50 0.022 mg/l	Daphnia	48 hours
	Acute LC50 0.0092 mg/l	Daphnia	48 hours
	Acute LC50 0.0073 mg/l	Fish	96 hours
	Acute NOEC 0.46 mg/l	Algae - green algae	72 hours

**Conclusion/Summary** 

: Not available.

TROYSHIELD SC1

# **SECTION 12: Ecological information**

## 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
2-(2-Butoxyethoxy)ethanol.	301E Ready	90 to 100 % - Readily - 14	-	-
	Biodegradability -	days		
	Modified OECD			
	Screening Test			
	301B Ready	90 to 100 % - Readily - 8 days	-	-
	Biodegradability -			
	CO <sub>2</sub> Evolution			
	Test			
	301C Ready	89 to 93 % - Readily - 28 days	-	-
	Biodegradability -			
	Modified MITI			
	Test (I)			
2-aminoethanol	-	>90 % - Readily - 21 days	-	-

**Conclusion/Summary** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
2-(2-Butoxyethoxy)ethanol. 2-aminoethanol pyridine-2-thiol 1-oxide, sodium salt		-	Readily Readily Readily

### **12.3 Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
2-(2-Butoxyethoxy)ethanol. 2-aminoethanol pyridine-2-thiol 1-oxide, sodium salt	<1 -1.91 -2.64	<100 - 50	low low low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### **12.6 Endocrine disrupting properties**

Not available.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

# **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

Product

# **SECTION 13: Disposal considerations**

Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: Yes.

### European waste catalogue (EWC)

Waste code	Waste designation
16 03 05* 15 01 10*	organic wastes containing hazardous substances packaging containing residues of or contaminated by hazardous substances
Packaging	
Methods of disposal	<ul> <li>The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.</li> </ul>
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# **SECTION 14: Transport information**

	ADR/RID	IMDG	ΙΑΤΑ
14.1 UN number or ID number	Not regulated	Not regulated	Not regulated
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.

user

**14.6 Special precautions for** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments

: Not available.

TROYSHIELD SC1

# **SECTION 15: Regulatory information**

	ons/legislation specific for the substance or mix	ture
EU Regulation (EC) No. 1907/2006 (REACH)		
Annex XIV - List of substances subject to au	Ithorization	
Annex XIV		
None of the components are listed.		
Substances of very high concern		
None of the components are listed.		
Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles		
Other EU regulations		
Industrial emissions : Not listed (integrated pollution prevention and control) - Air		
Industrial emissions : Not listed (integrated pollution prevention and control) - Water		
Ozone depleting substances (1005/2009/EU)		
Not listed.		
Prior Informed Consent (PIC) (649/2012/EU) Not listed.		
Persistent Organic Pollutants Not listed.		
Seveso Directive		
This product is not controlled under the Seveso	Directive.	
National regulations		
Biocidal products regulation		
Product type : Liquid.		
	ek immediate medical attention. Do not induce vom	-
reuse container.	be disposed of in accordance with local waste regu	lations. Do not
<b>Expiry date</b> : Not available.		
Do not allow to enter drains or watercourses.		
<u>Denmark</u>		
MAL-code : 5-6		
Germany		
Storage class (TRGS 510) : 12		
Hazard class for water : 1 AwSV Anlage	a 1, Nummer 5.2	
International regulations Chemical Weapon Convention List Schedules	s L II & III Chemicals	
	Ingredient name	Status
	Triethanolamine	Listed
Montreal Protocol		
Date of issue/Date of revision         : September         Date 28, 2023.	ate of previous issue : March 08, 2023. Ver	rsion : 3.01 24/26

TROYSHIELD SC1

# SECTION 15: Regulatory information

Not listed.

# Stockholm Convention on Persistent Organic Pollutants

Not listed.

# Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

## **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

## Inventory list

<u>inventory iist</u>		
Australia	;	At least one component is not listed.
Canada	:	At least one component is not listed in DSL but all such components are listed in NDSL.
China	:	All components are listed or exempted.
<b>Eurasian Economic Union</b>	:	Russian Federation inventory: Not determined.
Japan	:	Japan inventory (CSCL): At least one component is not listed. Japan inventory (ISHL): Not determined.
New Zealand	:	At least one component is not listed.
Philippines	:	At least one component is not listed.
Republic of Korea	:	At least one component is not listed.
Taiwan	:	All components are listed or exempted.
Thailand	:	Not determined.
Turkey	:	Not determined.
United States	:	At least one component is not listed.
Viet Nam	:	Not determined.

15.2 Chemical Safety	÷	This product contains substances for which Chemical Safety Assessments are still
Assessment		required.

# **SECTION 16: Other information**

✓ Indicates information that has changed from previously issued version.

: ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
N/A = Not available
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
SGG = Segregation Group
vPvB = Very Persistent and Very Bioaccumulative

## Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Acute Tox. 4, H332	Calculation method
Skin Irrit. 2, H315	Calculation method
Eye Dam. 1, H318	Calculation method
Skin Sens. 1, H317	Calculation method
STOT RE 2, H373	Calculation method

## Full text of abbreviated H statements

Date of issue/Date of revision

TROYSHIELD SC1

# **SECTION 16: Other information**

H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH070	Toxic by eye contact.

## Full text of classifications [CLP/GHS]

Acute Tox, 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	AQUATIC HAZARD (ACUTE) - Category 1
Aquatic Chronic 2	AQUATIC HAZARD (LONG-TERM) - Category 2
Aquatic Chronic 3	AQUATIC HAZARD (LONG-TERM) - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITIZATION - Category 1
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3
Date of printing	: January 15, 2024.

Date of issue/ Date of revision	: September 28, 2023.
Date of previous issue	: March 08, 2023.
Version	: 3.01

## Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.