



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 1 of 15

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

1.1 Product identifier

Trade name: Eni i-care superclean winter -60° Konzentrat

UFI: 8YD0-M01H-W00M-Q54N

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

General use: Antifreeze and/or cleaning additive for windscreen wiper unit.

1.3 Details of the supplier of the safety data sheet

Company name: Enilive Schmiertechnik GmbH

Street/POB-No.: Paradiesstraße 14

Postal Code, city: 97080 Würzburg

Germany

E-mail: info.wuerzburg@enilive.com

Telephone: +49 (0)931-90098-0

Telefax: +49 (0)931-98442

Department responsible for information:

Application Engineering & Product Management (AEPM)

Telephone: +49 (0)931-90098-0

E-mail: technik.wuerzburg@enilive.com

1.4 Emergency telephone number

GIZ-Nord, Göttingen

Telephone: +49 (0)551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Flam. Liq. 3; H226 Flammable liquid and vapour.

STOT RE 2; H373 May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

2.2 Label elements

Labelling (CLP)



Signal word:

Warning

Hazard statements:

H226

Flammable liquid and vapour.

H373

May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

Page: 2 of 15

Precautionary statements:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe mist/vapours/spray.
P314	Get medical advice/attention if you feel unwell.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to hazardous or special waste collection point.

Special labelling

Text for labelling:

Contains: Ethylene glycol.

Labelling for contents according to regulation (EC) No 648/2004, annex VII:

Contains:

- less than 5% anionic surfactants
- perfumes

2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided.

Inhaling can lead to irritations of the respiratory tract and mucous membrane.

Higher doses may lead to a narcotic effect.

Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

CAS No.	Designation	PBT/vPvB	ED Human	ED Environment
78-93-3	Butanone		List II	

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Aqueous solution



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 3 of 15

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119457610-43-xxxx EC No. 200-578-6 CAS 64-17-5	Ethanol Flam. Liq. 2; H225. Eye Irrit. 2; H319. Specific concentration limits (SCL): Eye Irrit. 2; H319: C ≥ 50 %	< 50 %
REACH 01-2119456816-28-xxxx EC No. 203-473-3 CAS 107-21-1	Ethylene glycol Acute Tox. 4; H302. STOT RE 2; H373.	10 - 25 %
REACH 01-2119457290-43-xxxx EC No. 201-159-0 CAS 78-93-3	Butanone Flam. Liq. 2; H225. Eye Irrit. 2; H319. STOT SE 3; H336. (EUH066).	≤ 1 %

Full text of H- and EUH-statements: see section 16.

Additional information: Labelling for contents according to regulation (EC) No 648/2004, annex VII:
Contains:
- less than 5% anionic surfactants
- perfumes

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: If medical advice is needed, have product container or label at hand. First aider: Pay attention to self-protection! Take off contaminated clothing and wash it before reuse.

In case of inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if problems persist.

Following skin contact: Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.
In case of eye irritation consult an ophthalmologist.

After swallowing: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 4 of 15

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, alcohol resistant foam, extinguishing powder.

Extinguishing media which must not be used for safety reasons:

Full water jet.

5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour.

Air combined with vapours may form potentially explosive mixtures that are heavier than air. Vapours may proceed on the ground over great distances and cause fire and backflashes.

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: Carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Heating will lead to pressure increase: Danger of bursting and explosion. Keep containers cool with water spray.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Do not allow fire water to penetrate into surface or ground water.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe mist/vapours/spray. Avoid contact with the substance.

In case of leakage, eliminate all ignition sources. If possible, eliminate leakage. Provide adequate ventilation.

Wear appropriate protective equipment. Keep unprotected people away.

Cordon off downwind area at risk and warn inhabitants.

Take off contaminated clothing and wash it before reuse.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. Danger of explosion!

In case of release, notify competent authorities.

6.3 Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

Beware of reignition. Thoroughly clean surrounding area. In case of greater quantities:

Collect mechanically (use only explosion-proof equipment when pumping out). Never return spills in original containers for re-use.



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

Page: 5 of 15

Additional information: Use explosion-proof equipment and non-sparking tools/utensils.
Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.
Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.
When handling large quantities, supply emergency spray.

Precautions against fire and explosion:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Take action to prevent static discharges.
Use only explosion-protected equipment/instruments. Do not weld.
In partially filled containers explosive mixtures may form.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.
Keep container dry. Keep only in the original container.
Protect from heat and direct sunlight. Store containers in upright position.

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

Storage class: 3 = Flammable liquids

7.3 Specific end use(s)

No information available.



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 6 of 15

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
64-17-5	Ethanol	Germany: TRGS 900 Kurzzeit Germany: TRGS 900 Langzeit	1.520 mg/m ³ ; 800 ppm 380 mg/m ³ ; 200 ppm
107-21-1	Ethylene glycol	Europe: IOELV: STEL Europe: IOELV: TWA Germany: TRGS 900 Kurzzeit Germany: TRGS 900 Langzeit	104 mg/m ³ ; 40 ppm (may be absorbed through the skin) 52 mg/m ³ ; 20 ppm (may be absorbed through the skin) 52 mg/m ³ ; 20 ppm (Aerosol and vapour, may be absorbed through the skin) 26 mg/m ³ ; 10 ppm (Aerosol and vapour, may be absorbed through the skin)
78-93-3	Butanone	Europe: IOELV: STEL Europe: IOELV: TWA Germany: TRGS 900 Kurzzeit Germany: TRGS 900 Langzeit	900 mg/m ³ ; 300 ppm 600 mg/m ³ ; 200 ppm 600 mg/m ³ ; 200 ppm (may be absorbed through the skin) 600 mg/m ³ ; 200 ppm (may be absorbed through the skin)

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
78-93-3	Butanone	Germany: TRGS 903, urine	2 mg/L	2-Butanone	end of exposure or end of shift

DNEL/DMEL:

Information about Ethanol (CAS 64-17-5):

DNEL, workers, inhalative, systemic, long-term: 380 mg/m³

DNEL, workers, dermal, systemic, long-term: 400 mg/kg bw/d

DNEL, consumers, inhalative, systemic, long-term: 114 mg/m³

Information about Ethylene glycol (CAS 107-21-1):

DNEL, workers, inhalative, local, long-term: 35 mg/m³

DNEL, workers, dermal, systemic, long-term: 106 mg/kg bw/d

DNEL, consumers, inhalative, local, long-term: 7 mg/m³

DNEL, consumers, dermal, systemic, long-term: 53 mg/kg bw/d

Information about Butanone (CAS 78-93-3):

DNEL, workers, inhalative, systemic, long-term: 600 mg/m³

DNEL, workers, inhalative, systemic, short-term: 900 mg/m³

DNEL, workers, dermal, systemic, long-term: 1.161 mg/kg bw/d

DNEL, consumers, inhalative, systemic, long-term: 106 mg/m³

DNEL, consumers, inhalative, systemic, short-term: 450 mg/m³

DNEL, consumers, dermal, systemic, long-term: 412 mg/kg bw/d

DNEL, consumers, oral, systemic, long-term: 31 mg/kg bw/d



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

Page: 7 of 15

PNEC: Information about Ethanol (CAS 64-17-5):
PNEC, water (freshwater): 0,96 mg/L
PNEC, water (freshwater, intermittent release): 2,75 mg/L
PNEC, water (marine water): 0,79 mg/L
PNEC, sewage treatment plant: 580 mg/L
PNEC, sediment (freshwater): 3,6 mg/kg dw
PNEC, sediment (marine water): 2,9 mg/kg dw
PNEC, soil: 0,63 mg/kg dw
PNEC, Secondary Poisoning: 0,38 g/kg Food

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection: In case of inadequate ventilation wear respiratory protection. Respiratory protection must be worn whenever the WEL levels have been exceeded.
Recommendation: Use filter type A (= against vapours of organic substances) according to DE EN 14387.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection: Protective gloves according to DIN EN ISO 374:1.

Permanent contact:

Glove material: Butyl caoutchouc (butyl rubber), fluoro rubber

During splash contact:

Glove material: Nitrile rubber, chloroprene rubber

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to DIN EN ISO 16321-1:2022.

Body protection: Flame retardant, antistatic and chemical resistant protective clothing.

General protection and hygiene measures:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Take off contaminated clothing and wash it before reuse.

Contaminated work clothing should not be allowed out of the workplace.

When using do not eat or drink. Wash hands thoroughly after handling.

When handling large quantities, supply emergency spray.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa liquid
Colour: blue



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

Page: 8 of 15

Odour:	Characteristic
Odour threshold:	No data available
Melting point/freezing point:	≤ -50 °C
Initial boiling point and boiling range:	78 °C
Flammability:	Flammable liquid and vapour.
Upper/lower flammability or explosive limits:	LEL (Lower Explosion Limit): 2,50 Vol-% UEL (Upper Explosive Limit): 13,50 Vol-%
Flash point/flash point range:	> 24 °C
Auto-ignition temperature:	> 363 °C (Ethanol)
Decomposition temperature:	No data available
pH:	at 20 °C: approx. 7
Viscosity, kinematic:	No data available
Water solubility:	Completely miscible
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	No data available
Density:	No data available
Vapour density:	No data available
Particle characteristics:	Not applicable

9.2 Other information

Explosive properties:	Product is not explosive. Vapours can form explosive mixtures with air.
Oxidizing characteristics:	No data available
Auto-ignition temperature:	Not self-igniting
Solvent content:	48,8 - 49,1 %
Water content:	10 - 25 %
Evaporation rate:	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Flammable liquid and vapour.
Vapours can form explosive mixtures with air.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Heating will lead to pressure increase: Danger of bursting and explosion.

10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.
Protect from direct sunlight. Take action to prevent static discharges.

10.5 Incompatible materials

No data available



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 9 of 15

10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition: No data available

SECTION 11: Toxicological information

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

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.
ATEmix (calculated): > 2.000 mg/kg

Acute toxicity (dermal): Based on available data, the classification criteria are not met.
ATEmix (calculated): > 2.000 mg/kg

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.
ATEmix (calculated, vapour): > 20 mg/L/4h

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Frequently or prolonged contact with skin may cause dermal irritation.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): STOT RE 2; H373 = May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: Based on available data, the classification criteria are not met.



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 10 of 15

11.2 Information on other hazards

Endocrine disrupting properties:

This product contains a substance that has endocrine disrupting properties with respect to humans.

Other information:

Information about Ethanol (CAS 64-17-5):

LD50 Rat, oral: 10.470 mg/kg (OECD 401)

LD50 Rabbit, dermal: > 15.800 mg/kg

LC50 Rat, inhalative (vapour): 116,9 mg/L/4h (OECD 403)

Information about Ethylene glycol (CAS 107-21-1):

ATE, oral: 500 mg/kg

LD50 Rat, oral: 7.712 mg/kg

LD50 Mouse, dermal: > 3.500 mg/kg

Information about Butanone (CAS 78-93-3):

LD50 Rat, oral: 2.054 mg/kg (OECD 423)

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Information about Ethanol (CAS 64-17-5):

Fish toxicity:

LC50 Pimephales promelas (fathead minnow): 15,3 g/L/96h

Daphnia toxicity:

LC50 Ceriodaphnia dubia (water flea): 5.012 mg/L/48h

Algae toxicity:

EC50 Chlorella vulgaris (unicellular green algae): 675 mg/L/4d (OECD 201)

Information about Ethylene glycol (CAS 107-21-1):

Fish toxicity:

LC50 Pimephales promelas (fathead minnow): 53.000 mg/L/96h

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): > 100 mg/L/48h (OECD 202)

Algae toxicity:

NOEC Pseudokirchneriella subcapitata (green algae): > 100 mg/L/72h (OECD 201)

Water Hazard Class:

1 = slightly hazardous to water (Self-classification (mixture).)

12.2 Persistence and degradability

Further details:

Product is biodegradable.

12.3 Bioaccumulative potential

Does not accumulate in organisms.

Partition coefficient: n-octanol/water:

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 11 of 15

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 07 07 04* = Other organic solvents, washing liquids and mother liquors
* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.

Package

Recommendation: Dispose of waste according to applicable legislation. Handle empty containers with care.
Incineration may cause explosion.
Handle contaminated packages in the same way as the substance itself.
Non-contaminated packages may be recycled.
Recommended cleansing agent: Water.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR:
UN 1170

14.2 UN proper shipping name

ADR/RID, ADN, IMDG: UN 1170, ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
IATA-DGR: UN 1170, ETHANOL SOLUTION

14.3 Transport hazard class(es)

ADR/RID, ADN: Class 3, Code: F1
IMDG: Class 3, Subrisk -
IATA-DGR: Class 3



14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR:
III

14.5 Environmental hazards

Dangerous for the environment:
Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant - IMDG: no



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 12 of 15

14.6 Special precautions for user

Land transport (ADR/RID)

Warning board: ADR/RID: Kemmler-number 30, UN number UN 1170
Hazard label: 3
Special Provisions: 144 601
Limited quantities: 5 L
EQ: E1
Package - Instructions: P001 IBC03 LP01 R001
Special provisions for packing together: MP19
Portable tanks - Instructions: T2
Portable tanks - Special Provisions: TP1
Tank coding: LGBF
Tunnel restriction code: (D/E)
Remarks: ADR/RID: Transport as "limited quantity" according to chapter 3.4 ADR/RID (> 8.000 kg total gross mass): Tunnel restriction code (E)

Inland waterway craft (ADN)

Hazard label: 3
Special Provisions: 144 601
Limited quantities: 5 L
EQ: E1
Transport permitted: T
Equipment necessary: PP - EX - A
ventilation: VE01

Sea transport (IMDG)

EmS: F-E, S-D
Special Provisions: 144 223
Limited quantities: 5 L
Excepted quantities: E1
Package - Instructions: P001, LP01
IBC - Instructions: IBC03
IBC - Provisions: -
Tank instructions - IMO: -
Tank instructions - UN: T2
Tank instructions - Provisions: TP1
Stowage and handling: Category A.
Properties and observations: Colourless, volatile liquids. Pure ETHANOL: Flashpoint 13°C c.c. Explosive limits: 3,3% to 19%. Miscible with water.
Segregation group: none

Air transport (IATA)

Hazard label: Flamm. liquid
Excepted Quantity Code: E1
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y344 - Max. Net Qty/Pkg. 10 L
Passenger and Cargo Aircraft: Pack.Instr. 355 - Max. Net Qty/Pkg. 60 L
Cargo Aircraft only: Pack.Instr. 366 - Max. Net Qty/Pkg. 220 L
Special Provisions: A3 A58 A180
Emergency Response Guide-Code (ERG): 3L

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

Page: 13 of 15

14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations - Germany

Storage class: 3 = Flammable liquids
Water Hazard Class: 1 = slightly hazardous to water (Self-classification (mixture).)
Major Accident Ordinance (12. BImSchV):
Physical hazards: Number 1.2.5.3 = Code P5c,
Quantity threshold 5 000 000 kg / 50 000 000 kg
Technical guidance air: 5.2.5
Information on working limitations:
Observe employment restrictions for young people.
Observe employment restrictions for expectant or nursing mothers.
Further regulations, limitations and legal requirements:
No data available

National regulations - EC member states

Volatile organic compounds (VOC):
48,34 - 48,51% by weight

Labelling of packaging with <= 125mL content



Signal word: **Warning**
Hazard statements: H373 May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Precautionary statements:
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P260 Do not breathe mist/vapours/spray.
P314 Get medical advice/attention if you feel unwell.
P501 Dispose of contents/container to hazardous or special waste collection point.

Further regulations, limitations and legal requirements:

Product: Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: refer to Germany, 12. BImSchV
Use restriction according to REACH annex XVII, no.: 3, 40, 75

Butanone: REGULATION (EC) 273/2004 (Drug precursors): Category 3
REGULATION (EC) 111/2005 (Trade with drug precursors): Category 3

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 14 of 15

SECTION 16: Other information

Classification procedure: Physical hazards: On basis of test data
Health hazards: Calculation method

Wording of the H-phrases under paragraph 2 and 3:

H225 = Highly flammable liquid and vapour.

H226 = Flammable liquid and vapour.

H302 = Harmful if swallowed.

H319 = Causes serious eye irritation.

H336 = May cause drowsiness or dizziness.

H373 = May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

EUH066 = Repeated exposure may cause skin dryness or cracking.

Reason of change: Changes in section 1: Trade name, UFI
Changes in section 2: Classification, labelling
Changes in section 3: Composition / Information on ingredients
Changes in section 8: Occupational exposure limit values
Changes in section 9: Physical and chemical properties
Changes in section 14: transport information
Changes in section 15: Regulatory information
Material number
General revision

Date of first version: 28.6.2021

Department issuing data sheet:
see section 1: Department responsible for information



Eni i-care superclean winter -60° Konzentrat

Material number 918

Revision date: 16.1.2025
Version: 5.0
Replaces version: 4.0
Language: en-DE
Date of print: 22.1.2025

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)
2020/878

Page: 15 of 15

Abbreviations and acronyms:

Acute Tox.: Acute toxicity
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
AS/NZS: Australian Standards/New Zealand Standards
ATE: Acute toxicity estimate
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EC50: Effective Concentration 50%
EN: European Standard
EQ: Excepted quantities
EU: European Union
Eye Irrit.: Eye irritation
Flam. Liq.: Flammable liquid
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
LC50: Median lethal concentration
LD50: Lethal dose 50%
LEL: Lower Explosion Limit
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
NOEC: No Observed Effect Concentration
OECD: Organisation for Economic Co-operation and Development
OEL: Occupational Exposure Limit Value
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
STOT RE: Specific target organ toxicity - repeated exposure
STOT SE: Specific target organ toxicity - single exposure
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
UFI: Unique Formula Identifier
UN: United Nations
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Most recent product information is available at:
<http://sumdat.net/yaw6kbqj>

