# Eni Blasia SX 150

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878
Revision date: 12/23/2025 Supersedes: 1/21/2025 Version: 1.2

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Trade name | : | Eni Blasia SX 150 |
| Product code | : | 7740 |
| Type of product | : | Lubricants |
| Formula | : | 0001-2019 |
| Product group | : | Trade product |

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

#### Relevant identified uses

| | | |
|---|---|---|
| Main use category | : | Industrial use,Professional use |
| Industrial/Professional use spec | : | Wide dispersive use<br>Used in closed systems |
| Use of the substance/mixture | : | Gearbox lubricant |
| Function or use category | : | Lubricants and additives |

#### Uses advised against

Recommended use are listed above; other uses are not recommended unless an assessment has provided that risks are controlled.

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

Manufacturer:
Enilive Iberia S.L.U.
Avenida de Europa, 24, Edificio Torona B - Planta 1ª, 28108 Alcobendas (Madrid) Tel: (+34) 917 277 878
Competent person responsible for the Safety Data Sheet (Reg. EC nr. 1907/2006): SDS.Enilive@enilive.com

Distributed by: Enilive Schmiertechnik GmbH, Paradiesstraße 14, 97080 Würzburg, GERMANY
Department responsible for information: Application Engineering & Product Management (AEPM), Tel. +49 (0)931-900 98-0
e-mail: technik.wuerzburg@enilive.com

### 1.4. Emergency telephone number

| | | |
|---|---|---|
| Emergency number | : | CNIT +39 0382 24444 (24h) (IT + EN)<br>Poison Center |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Not classified

#### Adverse physicochemical, human health and environmental effects

None to be reported, according to the present EU regulations. For specific information about the toxicological/ecotoxicological properties and classification of this product, see Sect. 11 and/or Sect. 12.

### 2.2. Label elements

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

| | | |
|---|---|---|
| EUH-statements | : | EUH210 - Safety data sheet available on request. |

### 2.3. Other hazards

Other hazards not contributing to the classification : This product is combustible, but not classified as Flammable. The creation of flammable vapour mixtures takes place at temperatures which are higher than normal ambient levels. In case of contact with eyes, this product may cause irritation. If the product is handled or used at high temperature, contact with hot product or vapours may cause burns. Any substance, in case of accidents involving pressurized circuits and the like, may be accidentally injected under the skin, even without external damage. In such a case, the victim should be brought to an hospital as soon as possible, to get specialized medical treatment. Do not wait for symptoms to develop.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

| Component | |
|---|---|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Benzene, C14-30-alkyl derivs. (68855-24-3), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1), O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Benzene, C14-30-alkyl derivs. (68855-24-3), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1), O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) |

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

| Component | |
|---|---|
| Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 | Benzene, C14-30-alkyl derivs. (68855-24-3), O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) |

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Comments : Composition/ Information on ingredients:
Synthetic base oil
Polyolefins
Additives

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [EU-GHS / CLP] |
|---|---|---|---|
| Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends | CAS-No.: 68855-24-3<br>EC-No.: 272-472-8<br>REACH-no: Exempted | 5 - 10 | Aquatic Chronic 4, H413 |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate | CAS-No.: 125643-61-0<br>EC-No.: 406-040-9<br>EC Index-No.: 607-530-00-7<br>REACH-no: 01-2119878226-29 | 1 – 1.5 | Aquatic Chronic 4, H413 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [EU-GHS / CLP] |
|---|---|---|---|
| O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate | CAS-No.: 126019-82-7<br>EC-No.: 406-940-1<br>EC Index-No.: 015-171-00-7<br>REACH-no: 01-0000015643-71 | 1 – 1.5 | Repr. 2, H361d<br>Aquatic Chronic 2, H411 |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | CAS-No.: 68411-46-1<br>EC-No.: 270-128-1<br>REACH-no: 01-2119491299-23 | 0.39 - 0.4 | Repr. 2, H361f |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove to fresh air, keep the casualty warm and at rest. If breathing is difficult, give oxygen if possible, or assisted ventilation. If necessary, give external cardiac massage and obtain medical advice.

First-aid measures after skin contact : Remove contaminated clothing and shoes. Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention. In case of burns, cool affected part with cold running water for at least 10 min. Cover with gauze or clean cloth. Ask for medical assistance or bring to a hospital. Do not apply salves or other substances, unless by doctor's advice.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do so. Rinse eyes thoroughly for at least 15 minutes. Keep eyelids well apart. If irritation, blurred vision or swelling occurs and persists, obtain medical advice from a specialist. In case of burns, cool affected part with cold running water for at least 10 min. Cover with gauze or clean cloth. Ask for medical assistance or bring to a hospital. Do not apply salves or other substances, unless by doctor's advice.

First-aid measures after ingestion : Rinse mouth thoroughly with water. Give water to drink if victim completely conscious/alert. Do not induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : Inhalation of fumes or oil mists produced at high temperatures may cause irritation of the respiratory tract. Symptoms of overexposure to vapours include drowsiness, weakness, headache, dizziness, nausea, vomiting, dimming of vision.

Symptoms/effects after skin contact : Contact with hot product may cause thermal burns.

Symptoms/effects after eye contact : Contact with eyes may cause temporary reddening and irritation. Contact with hot product or vapours may cause burns.

Symptoms/effects after ingestion : Accidental ingestion of small quantities of the product may cause nausea, discomfort and gastric disturbances.

Symptoms/effects upon intravenous administration : No information available.

Chronic symptoms : None to be reported, according to the present classification criteria.

### 4.3. Indication of any immediate medical attention and special treatment needed

Obtain medical attention if casualty has an altered state of consciousness or if symptoms do not resolve. Seek medical attention in all cases of serious burns.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.

Unsuitable extinguishing media : Do not use water jets. They could cause splattering, and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

### 5.2. Special hazards arising from the substance or mixture

| | | |
|---|---|---|
| Fire hazard | : | Not flammable. |
| Explosion hazard | : | Heat may build pressure in tank and containers, rupturing closed vessels, spreading fire and increasing risk of burns and injuries. Vapours are heavier than air, spread along floors and form explosive mixtures with air. |
| Hazardous decomposition products in case of fire | : | Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, gases, including carbon monoxide, NOx (harmful/toxic gases). Oxygenated compounds (aldehydes, etc.). POx. |

### 5.3. Advice for firefighters

| | | |
|---|---|---|
| Firefighting instructions | : | Shut off source of product, if possible. Move undamaged containers from immediate hazard area if it can be done safely. Spilled product which is not burning should be covered with sand or foam. Use water sprays to cool containers and surfaces exposed to the flames. If the fire cannot be controlled, evacuate area. |
| Special protective equipment for firefighters | : | Wear personal protection equipment. (see chapter 8). In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. EN 443. EN 469. EN 659. |
| Other information | : | In case of fire, do not discharge residual product, waste materials and runoff water: collect separately and use a proper treatment. |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

| | | |
|---|---|---|
| General measures | : | Stop or contain leak at the source, if safe to do so. Eliminate all ignition sources if safe to do so (e.g. electricity, sparks, fires, flares). Avoid accidental sprays on hot surfaces or electrical contacts. Avoid direct contact with released material. Keep upwind. |

#### For non-emergency personnel

| | | |
|---|---|---|
| Protective equipment | : | See Section 8. |
| Emergency procedures | : | Keep non-involved personnel away from the area of spillage. Alert emergency personnel. Except in case of small spillages, the feasibility of any actions should always be assessed and advised, if possible, by a trained, competent person in charge of managing the emergency. |

#### For emergency responders

| | | |
|---|---|---|
| Protective equipment | : | Standard EN 469 - Protective clothing for firefighters. Standard - EN 659: Protective gloves for firefighters. Small spillages: normal antistatic working clothes are usually adequate. Large spillages: full body suit of chemically resistant and antistatic material. if necessary heat resistant and insulated. Work helmet. Antistatic non-skid safety shoes or boots. Goggles and /or face shield, if splashes or contact with eyes is possible or anticipated. Respiratory protection: A half or full-face respirator with combined dust/organic vapour filter(s), or a Self-Contained Breathing Apparatus (SCBA) can be used according to the extent of spill and predictable amount of exposure. If the situation cannot be completely assessed, or if an oxygen deficiency is possible, only SCBA's should be used. |
| Emergency procedures | : | If required, notify relevant authorities according to all applicable regulations. |

### 6.2. Environmental precautions

Prevent product from entering sewers, rivers or other bodies of water, or underground spaces (tunnels, cellars, etc.). In case of contamination of environment compartments (soil, subsoil, surface or underground waters), remove contaminated soil when possible, and in any case treat all involved compartments in accordance with local regulations. The site should have a spill plan to ensure that adequate safeguards are in place to minimize the impact of episodic releases.

### 6.3. Methods and material for containment and cleaning up

For containment : Contain spilled liquid with sand, earth or other suitable absorbents (non-flammable). Recover free liquid and waste materials in suitable waterproof and oil-resistant containers. Clean contaminated area. Dispose of according to local regulations. If in water: Confine the spillage. Remove from surface by skimming or suitable floating absorbents. Collect recovered product and other waste materials in suitable waterproof, oil resistant containers. Recover or dispose of according to local regulations. Do not use solvents or dispersants, unless specifically advised by an expert, and, if required, approved by local authorities.

Methods for cleaning up : Transfer recovered product and other materials to suitable tanks or containers and store/dispose according to relevant regulations. This material and its container must be disposed of in a safe way, and according to local legislation.

Other information : Recommended measures are based on the most likely spillage scenarios for this material; however, local conditions (wind, air/water temperature, wave/current direction and speed) may significantly influence the choice of appropriate actions. Local regulations may also prescribe or limit actions to be taken. For this reason, local experts should be consulted when necessary.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure that proper housekeeping measures are in place. This material is combustible, but will not ignite readily. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Use and store only outdoors or in a well-ventilated area. Ensure good ventilation of the work station. Due to the extremely slippery nature of this material, more care than usual must be exercised in material handling practices to keep off all walking surfaces. Floors, walls and other surfaces in the hazard area must be cleaned regularly.

Hygiene measures : Avoid contact with skin. Do not breathe fume/ mist/ vapours. Do not ingest. Do not smoke. Do not eat and do not drink during use. Do not clean hands with dirty or oil-soaked rags. Do not re-use clothes, if they are still contaminated. Keep away from food and beverages. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Separate working clothes from town clothes. Launder separately.

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

Storage conditions : Store in dry, well-ventilated area. Keep away from open flames, hot surfaces and sources of ignition. Do not smoke.

Incompatible products : Strong oxidizing agents.

Storage area : Storage area layout, tank design, equipment and operating procedures must comply with the relevant European, national or local legislation. Storage installations/areas should be designed with adequate bunds in case of leaks or spills. Cleaning, inspection and maintenance of internal structure of storage tanks must be done only by properly equipped and qualified personnel as defined by national, local or company regulations.

Packages and containers: : If the product is supplied in containers: Keep containers tightly closed and properly labelled. Keep only in the original container or in a suitable container for this kind of product.

Packaging materials : For containers, or container linings use materials specifically approved for use with this product. Compatibility should be checked with the manufacturer, according to the specific use conditions.

**Germany**

Storage class (LGK, TRGS 510) : LGK 10 - Combustible liquids

**Switzerland**

Storage class (LK) : LK 10/12 - Liquids

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Recommended monitoring procedures**

| Monitoring methods | |
|---|---|
| Monitoring methods | Monitoring procedures should be chosen according to the indications set by national authorities or labour contracts. Refer to relevant legislation and in any case to the good practice of industrial hygiene. |

**Air contaminants formed**

Applicable OEL and BLV for air contaminants : None known

**DNEL and PNEC**

| Eni Blasia SX 150 | |
|---|---|
| **DNEL/DMEL (additional information)** | |
| Additional information | Not applicable |
| **PNEC (additional information)** | |
| Additional information | Not applicable |

| Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends (68855-24-3) | |
|---|---|
| **DNEL/DMEL (additional information)** | |
| Additional information | Not derived - Not classified as hazardous for environment |
| **PNEC (additional information)** | |
| Additional information | Not yet determined. |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Long-term - systemic effects, dermal | 0.08 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 0.6 mg/m³ |
| **DNEL/DMEL (General population)** | |
| Long-term - systemic effects,oral | 0.04 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 0.14 mg/m³ |
| Long-term - systemic effects, dermal | 0.04 mg/kg bodyweight/day |
| **PNEC (Water)** | |
| PNEC aqua (freshwater) | 0.0338 mg/l |
| PNEC aqua (marine water) | 0.0038 mg/l |
| PNEC aqua (intermittent, freshwater) | 0.51 mg/l |
| **PNEC (Sediment)** | |
| PNEC sediment (freshwater) | 0.446 mg/kg dwt |
| PNEC sediment (marine water) | 0.0446 mg/kg dwt |
| **PNEC (Soil)** | |
| PNEC soil | 1.76 mg/kg dwt |
| **PNEC (STP)** | |
| PNEC sewage treatment plant | 10 mg/l |

| | | |
|---|---|---|
| Note | : | The Derived No Effect Level (DNEL) is an estimated safe level of exposure that is derived from toxicity data in accord with specific guidance within the European REACH regulation. The DNEL may differ from an Occupational Exposure Limit (OEL) for the same chemical. OELs may be recommended by an individual company, a governmental regulatory body or an expert organization, such as the Scientific Committee for Occupational Exposure Limits (SCOEL) or the American Conference of Governmental Industrial Hygienists (ACGIH). OELs are considered to be safe exposure levels for a typical worker in an occupational setting for an 8-hour work shift, 40 hour work week, as a time weighted average (TWA) or a 15 minute short-term exposure limit (STEL). While also considered to be protective of health, OELs are derived by a process different from that of REACH. |

### Control banding

| | | |
|---|---|---|
| Control banding | : | None known |

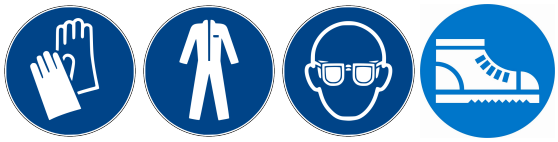
## 8.2. Exposure controls

### Appropriate engineering controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station.

### Personal protection equipment

**Personal protective equipment (for industrial or professional use):**
Gloves. Protective clothing. Safety glasses. Safety shoes or boots.
**Personal protective equipment symbol(s):**



### Eye and face protection

**Eye protection:**
When there is a risk of contact with the eyes, use safety goggles or other means of protection (face shield). If necessary, refer to national standards or to the EN 166 standard.

### Skin protection

**Skin and body protection:**
Long-sleeved overalls. If necessary, refer to the EN 340 and related standards, for definition of characteristics and performance according to the risk rating of the area. Antistatic non-skid safety shoes or boots, chemical resistant, if necessary heat resistant and insulated.

**Hand protection:**
When there is a risk of contact with the skin, use waterproof gloves, resistant to chemical products. Gloves must be felt-lined. Adequate materials: nitrile (NBR) or neoprene with a protection index ≥ 5 (permeation time ≥ 240 mins). Use gloves respecting all the conditions and within the limits set by the manufacturer. Replace gloves immediately in case of cuts, holes or other signs of damages or degradation. If necessary, refer to the EN 374 standard. Personal hygiene is a key element for an effective hand care. Gloves must be worn only with clean hands. After wearing gloves, hands must be carefully washed and dried.

### Respiratory protection

**Respiratory protection:**
Independently from other possible actions (technical modifications, operating procedures, and other means to limit the exposure of workers), personal protection equipment can be used according to necessity. Open or well ventilated spaces: if the product is handled without adequate containment: use full or half-face masks with adequate filter for organic vapours. (EN 136/140/145). Combined gas/dust mask with filter type: EN 14387. Closed or confined areas (e.g. tank interiors): the use of protection measures for airways (masks or self-contained breathing apparatus), must be assessed according to the specific activity, as well as level and duration of predicted exposure. (EN 136/140/145)

### Thermal hazards

**Thermal hazard protection:**
If contact with hot product is possible or anticipated, gloves should be heat-resistant and thermally insulated.

### Environmental exposure controls

**Environmental exposure controls:**
Do not discharge the product into the environment. Do not apply industrial sludge to natural soils. Sludge should be incinerated, contained or reclaimed. Prevent discharge of undissolved substance to or recover from onsite wastewater. Storage areas/installations should be designed with adequate bunds so as to prevent ground and water pollution in case of leaks or spills.

**Consumer exposure controls:**
Not applicable.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | Yellow-brown. |
| Appearance | : | Clear liquid. |
| Odour | : | Characteristics. |
| Odour threshold | : | Not available |
| Melting point | : | Not applicable |
| Freezing point | : | Not determined |
| Softening point | : | -48 °C (pour point) (ASTM D 97) |
| Boiling point | : | > 300 °C (CAS 68855-24-3) |
| Flammability | : | Not flammable |
| Lower explosion limit | : | Not determined |
| Upper explosion limit | : | Not determined |
| Flash point | : | 250 °C (ASTM D 92) |
| Auto-ignition temperature | : | Not determined |
| Decomposition temperature | : | Not determined |
| pH | : | Lack of data (on mixture / components of the mixture) - Data not available |
| Viscosity, kinematic | : | 150 mm²/s (40 °C) (ASTM D 445) |
| Solubility | : | Water: Immiscible and insoluble |
| Log Kow | : | Not applicable for mixtures |
| Vapour pressure | : | Not determined |
| Vapour pressure at 50°C | : | Not determined |
| Critical pressure | : | Not applicable for mixtures |
| Density | : | 845 kg/m³ (15°C) (ASTM D 4052) |
| Relative density | : | Not determined |
| Relative vapour density at 20°C | : | Not determined |
| Particle characteristics | : | Not applicable |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This mixture does not offer any further hazard for reactivity, except what is reported in the following paragraphs.

### 10.2. Chemical stability

Stable product, according to its intrinsic properties.

### 10.3. Possibility of hazardous reactions

None (in normal conditions of storage and handling). Sensitivity to heat, friction or shock cannot be assessed in advance. Contact with strong oxidizers (peroxides, chromates, etc.) may cause a fire hazard.

### 10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce : Carbon dioxide, Carbon monoxide.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met; Conclusive but not sufficient for classification)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met; Conclusive but not sufficient for classification)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met; Conclusive but not sufficient for classification)
Additional information : (according to composition)

| Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends (68855-24-3) | |
|---|---|
| LD50 oral rat | ≥ 10000 mg/kg bodyweight |
| LD50 dermal rabbit | ≥ 3160 mg/kg bodyweight |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| LD50 oral rat | 5000 mg/kg bodyweight (OECD 401) |
| LD50 dermal rat | ≈ 2000 mg/kg bodyweight (OECD 402) |

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) | |
|---|---|
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

| O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) | |
|---|---|
| LD50 oral rat | > 2000 mg/kg (OECD 401) |
| LD50 dermal rat | > 2000 mg/kg (OECD 402) |

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Lack of data (on mixture / components of the mixture) - Data not available
Additional information : (according to composition)

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) | |
|---|---|
| pH | 6.5 |

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Lack of data (on mixture / components of the mixture) - Data not available
Additional information : (according to composition)

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) | |
|---|---|
| pH | 6.5 |

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| NOAEL (oral, rat) | 25 mg/kg bodyweight |

| O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) | |
|---|---|
| NOAEL (oral, rat) | 1000 mg/kg bodyweight |

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) | |
|---|---|
| NOAEL (oral, rat, 90 days) | 5 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents) |

| O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) | |
|---|---|
| NOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight/day |

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)

| Eni Blasia SX 150 | |
|---|---|
| Viscosity, kinematic | 150 mm²/s (40 °C) (ASTM D 445) |

| Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends (68855-24-3) | |
|---|---|
| Viscosity, kinematic | 100 mm²/s (40°C, ASTM D445) |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| Viscosity, kinematic | 352.7 mm²/s (40°C) |

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) | |
|---|---|
| Viscosity, kinematic | 95 – 150 mm²/s (40°C) |

### 11.2. Information on other hazards

#### Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### Other information

Potential adverse human health effects and symptoms : Contact with eyes may cause temporary reddening and irritation,Avoid all eye and skin contact and do not breathe vapour and mist
Other information : None

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. An uncontrolled release to the environment may nevertheless produce a contamination of different environmental compartments (air, soil, underground, surface water bodies, aquifers). Handle according to general working hygiene practices to avoid pollution and release into the environment.

Ecology - air : This product has a low vapour pressure, and in normal conditions at ambient temperature the concentration in the air is negligible. A significant concentration may build up only in case of sprays and mists. In these cases overexposure to mists (e.g. through prolonged use in confined insufficiently ventilated spaces) may cause irritation to airways, nausea and dizziness.

Ecology - water : This product is not soluble in water. It floats on water and forms a film on the surface. The damage to aquatic organisms is of mechanical kind (immobilization and entrapment)

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

| Benzene, C14-30-alkyl derivs. (68855-24-3) | |
|---|---|
| LC50 fish 1 | 10000 mg/l (Sheepshead minnow) |
| EC50 Daphnia 1 | > 1000 mg/l |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| LC50 fish 1 | ≥ 100 mg/l Brachydanio rerio (zebrafish) (OECD 203; 96 h) |
| EC50 Daphnia 1 | 51 mg/l 48 h (OECD 202) |
| EC50 72h - Algae [1] | > 100 mg/l (OECD 201, Desmodesmus subspicatus) |
| ErC50 (algae) | ≥ 100 mg/l 72 h; Desmodesmus subspicatus (OECD 201) |
| ErC50 (other aquatic plants) | ≥ 100 mg/l (3h, OECD 209) (ACTIVATED SLUDGE) |

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) | |
|---|---|
| LC50 fish 1 | > 1000 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| LC50 fish 2 | > 2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 Daphnia 1 | 0.9 mg/l Test organisms (species): Daphnia magna |
| EC50 Daphnia 2 | > 1000 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | > 3 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| ErC50 (algae) | ≥ 3 mg/l (OECD 201, 72 h, Scenedesmus subspicatus) |
| NOEC (chronic) | ≤ 0.01 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

| O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) | |
|---|---|
| LC50 fish 1 | > 25 mg/l (OECD 203; 96h; Brachydanio rerio) |
| EC50 Daphnia 1 | 5.5 mg/l (OECD 202; 24h) |
| ErC50 (algae) | > 100 mg/l (OECD 201; ErC50 72h) |

## 12.2. Persistence and degradability

| Eni Blasia SX 150 | |
|---|---|
| Persistence and degradability | The most significant constituents of the product should be considered as "inherently biodegradable", but not "readily biodegradable", and they may be moderately persistent, particularly in anaerobic conditions. |

| Benzene, C14-30-alkyl derivs. (68855-24-3) | |
|---|---|
| Persistence and degradability | Rapidly degradable |
| Biodegradation | 58.8 % (28d, OECD 301F) |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| Persistence and degradability | Rapidly degradable |
| BOD (% of ThOD) | 1 % ThOD (28 d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C) |
| Biodegradation | 8 % (OECD 301; Read-across) |

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) | |
|---|---|
| Persistence and degradability | Not biodegradable. |
| Biodegradation | 2 – 4 % (OECD 301B; 28d) |

### 12.3. Bioaccumulative potential

| Eni Blasia SX 150 | |
|---|---|
| Log Kow | Not applicable for mixtures |
| Bioaccumulative potential | Not established. |

| Benzene, C14-30-alkyl derivs. (68855-24-3) | |
|---|---|
| Log Kow | > 12.3 |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| Bioconcentration factor (BCF REACH) | 1730 (42d) |
| Log Kow | > 5 (25°C) |

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) | |
|---|---|
| Log Kow | 9.2 |

### 12.4. Mobility in soil

| Eni Blasia SX 150 | |
|---|---|
| Mobility in soil | Not determined |
| Ecology - soil | No data available. |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| Log Koc | 3.8 |

### 12.5. Results of PBT and vPvB assessment

| Eni Blasia SX 150 | |
|---|---|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII | |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII | |
| Results of PBT-vPvB assessment | The components in this formulation do not meet the criteria for classification as PBT or vPvB. The product should be considered prudentially as "Persistent" in the environment, according to the REACH Annex XIII criteria (point 1.1) |

| Component | |
|---|---|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Benzene, C14-30-alkyl derivs. (68855-24-3), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1), O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Benzene, C14-30-alkyl derivs. (68855-24-3), Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1), O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7) |

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

### 12.7. Other adverse effects

Other adverse effects : None.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Do not dispose of the product, either new or used, by dumping on the ground, or discharging into sewers, tunnels, lakes or water courses. Deliver to a qualified official collector. Dispose of empty containers and wastes safely.

Sewage disposal recommendations : Dispose of in a safe manner in accordance with local/national regulations. Do not apply industrial sludge to natural soils. Sludge should be incinerated, contained or reclaimed.

Product/Packaging disposal recommendations : This EWC code is only a general indication, and takes into account the original composition of the product and its intended use. The user has the responsibility of choosing the right EWC code, considering the actual use of the product, alterations and contaminations. European Waste Catalogue code(s) (Decision 2001/118/CE):

Additional information : Empty containers may contain combustible product residues. Do not cut, weld, bore, burn or incinerate emptied containers, unless they have been cleaned and declared safe.

Ecology - waste materials : The product as it is does not contain halogenated substances.

EURAL code (EWC) : 13 08 99* - wastes not otherwise specified
15 01 10* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number or ID number** | | | | |
| Not regulated for transport | | | | |
| **14.2. UN proper shipping name** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.3. Transport hazard class(es)** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.4. Packing group** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.5. Environmental hazards** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| None. | | | | |

### 14.6. Special precautions for user

**Overland transport**
Not regulated

**Transport by sea**
Not regulated

**Air transport**
Not regulated

**Inland waterway transport**
Not regulated

### Rail transport
Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

#### REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) | | |
|---|---|---|
| **Reference code** | **Applicable on** | **Entry title or description** |
| 3(c) | Benzene, C14-30-alkyl derivs. | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 |

#### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### REACH Candidate List (SVHC)

No ingredients are included in the REACH Candidate list (> 0,1 % m/m).

#### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

#### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

#### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### National regulations

#### Finland

Finnish National Regulations : Occupational Safety and Health Act No. 738/2002.

#### France

| Maladies professionelles (F) | |
|---|---|
| Code | Description |
| RG 36 | Diseases caused by oils and fats of mineral or synthetic origin |

#### Germany

Employment restrictions : Employment prohibitions or restrictions on the protection of young people at work according to § 22 JArbSchG in the case of formation of hazardous substances have to be observed.

| | | |
|---|---|---|
| National Rules and Recommendations | : | TRGS 400: Hazard assessment for activities involving Hazardous Substances.<br>TRGS 401: Risks resulting from skin contact - identification, assessment, measures.<br>TRGS 402: Identification and Assessment of the Risks from Activities involving Hazardous Substances: Inhalation Exposure.<br>TRGS 555: Working instruction and information for workers.<br>TRGS 800: Fire protection measures.<br>TRGS 900: Occupational Exposure Limits. |
| VbF class (D) | : | Not applicable. |
| Water hazard class (WGK) (D) | : | WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1). |
| WGK remark | : | Classification is carried out on the basis of the Ordinance on facilities for handling substances that are hazardous to water (Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV)) of 18 April 2017 (BGBl 2017, Teil I, Nr. 22, Seite 905). |
| Major Accidents Ordinance (12. BImSchV) | : | Is not listed in the Major Accidents Ordinance (12. BImSchV) |

### Netherlands

| | | |
|---|---|---|
| Saneringsinspanningen | : | C - Minimize discharge |
| SZW-lijst van kankerverwekkende stoffen | : | None of the components are listed |
| SZW-lijst van mutagene stoffen | : | None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Borstvoeding | : | None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : | None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling | : | None of the components are listed |

### Denmark

| | | |
|---|---|---|
| Danish National Regulations | : | Pregnant/breastfeeding women working with the product must not be in direct contact with it |

### Norway

| | | |
|---|---|---|
| Norwegian National Regulations | : | Working Environment Act (LOV-2005-06-17 NO. 62).<br>People under the age of 18 may not work with this product at all. |

### Sweden

| | | |
|---|---|---|
| Swedish National Regulations | : | This product is in compliance with Ordinance 1998:944.<br>Work Environment Act (1977: 1160).<br>Chemical Hazards in the Working Environment (AFS 2011:19). |

### Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

### Spain

Royal Decree 665/1997 : Is not subject to the Royal Decree 665/1997

### 15.2. Chemical safety assessment

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]
No chemical safety assessment has been carried out
**A chemical safety assessment has been carried out for the following components of this mixture::**
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate
O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate

## SECTION 16: Other information

| Indication of changes | | |
|---|---|---|
| **Section** | **Changed item** | **Comments** |
| | Supersedes | **Modified** |
| | Revision date | **Modified** |
| 1.3 | Supplier information | **Modified** |
| 3 | Composition/information on ingredients | **Modified** |

| Abbreviations and acronyms: | |
|---|---|
| | Complete text of the H phrases quoted in this Safety Data Sheet. These phrases are reported here for information only, and MAY NOT correspond to the classification of the product. |
| | N/D = not available |

| Abbreviations and acronyms: | |
|---|---|
| | N/A = not applicable |
| 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 |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| CAS-No. | Chemical Abstracts Service number |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC50 | Effective concentration for 50 percent of test population (median effective concentration) |
| EC-No. | European Community number |
| ED | Endocrine disruptor |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Lethal concentration for 50 percent of test population (median lethal concentration) |
| LD50 | Lethal dose for 50 percent of test population (median lethal dose) |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No 1907/2006 |
| RID | Regulation concerning the International Carriage of Dangerous Goods by Railways |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and Very Bioaccumulative |
| WGK | Water Hazard Class |

Data sources : This Safety Data Sheet is based on the real characteristics of the components and their combination, taking into account the information provided by the suppliers.

Training advice : Provide adequate training to professional operators for the use of PPEs, according to the information contained in this Safety Data Sheet.

Other information : Do not use the product for any purposes that have not been advised by the manufacturer.

| Full text of H- and EUH-statements: | |
|---|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |

| Full text of H- and EUH-statements: | |
|---|---|
| Aquatic Chronic 4 | Hazardous to the aquatic environment – Chronic Hazard, Category 4 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| H361d | Suspected of damaging the unborn child. |
| H361f | Suspected of damaging fertility. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |
| EUH210 | Safety data sheet available on request. |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.