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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade name</td>
<td>Eni Blasia SX 320</td>
</tr>
<tr>
<td>Product code</td>
<td>7706</td>
</tr>
<tr>
<td>Type of product</td>
<td>Lubricants</td>
</tr>
<tr>
<td>Formula</td>
<td>0017-2009</td>
</tr>
<tr>
<td>Product group</td>
<td>Trade product</td>
</tr>
</tbody>
</table>

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

1.2.1. Relevant identified uses

Main use category |
| : |
| Industrial use, Professional use |

Industrial/Professional use spec |
| : |
| Wide dispersive use |
| Used in closed systems |

Use of the substance/mixture |
| : |
| Gearbox lubricant |

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

Function or use category |
| : |
| Lubricants and additives |

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ENI S.p.A.
P.le E. Mattei 1 - 00144 Rome Italy
Phone: (+39) 06 59821
www.eni.com

Contact:
Refining & Marketing

Competent person responsible for the Safety Data Sheet (Reg. EC nr. 1907/2006): SDSInfo@eni.com

1.4. Emergency telephone number

Emergency number |
| : |
| CNIT +39 0382 24444 (24h) (IT + EN) |

Poison centre (UK):
National Poisons Information Service Edinburgh (24h)
(+44) 844 892 0111
0870 600 6266 (UK only)
(Source: UN-WHO)

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

Contact with eyes may cause temporary reddening and irritation. 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 (not relevant for classification)

Other hazards not contributing to the |
| : |
| This product is combustible, but not classified as Flammable. The creation of flammable |
**Eni Blasia SX 320**

**Safety Data Sheet**

**According to Regulation (EU) No. 830/2015**

---

**CLASSIFICATION**

Vapour mixtures take place at temperatures which are higher than normal ambient levels. 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

---

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

**3.1. Substances**

Not applicable

**3.2. Mixtures**

Notes: Composition/ Information on ingredients:
Polyolefins
Additives

---

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [EU-GHS / CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, mono-C15-36-branched alkyl derivs., C24-rich (Additive)</td>
<td>(CAS-No.) 90171-05-4 (EC-No.) 290-544-7 (REACH No) N/A</td>
<td>5 - 10</td>
<td>Aquatic Chronic 4, H413</td>
</tr>
<tr>
<td>O.O.O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (Additive)</td>
<td>(CAS-No.) 126019-82-7 (EC-No.) 406-940-1 (REACH No) 01-0000015643-71</td>
<td>1 - 1.5</td>
<td>Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

Full text of H-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 contact with hot product, cool affected part with plenty of cold water, and cover with gauze or clean cloth. Call a doctor or bring to a hospital.

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 persists, seek medical advice. In case of contact with hot product, cool affected part with plenty of cold water, and cover with gauze or clean cloth. Call a doctor or bring to an hospital.

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.
5.2. Special hazards arising from the substance or mixture

**Fire hazard**: Not flammable. The vapours are heavier than air and will accumulate in closed areas and at ground level, with backfire hazard.

**Explosion hazard**: In case of losses from pressurized circuits, the sprays may form mists. Take into account that in this case the lower explosion limit for mists is about 45 g/m³ of air. 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. If possible, move containers and drums away from danger area. 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** (see also sect. 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.

6.1.1. 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.

6.1.2. 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-ski 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**: Notify local authorities according to relevant regulations.

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas. Notify authorities if liquid enters sewers or public waters.

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.

**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.

18/12/2018
EN (English)
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure that proper housekeeping measures are in place. Keep away from heat/sparks/open flames/hot surfaces. 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.

Handling temperature: This product can be handled at ambient temperatures.

Hygiene measures: Avoid contact with skin. Do not breathe fume/mist/vapours. Do not ingest. 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 layout, tank design, equipment and operating procedures must comply with the relevant European, national or local legislation. Storage installations should be designed with adequate bunds so as to prevent ground and water pollution 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.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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.

Eni Blasia SX 320

DNEL/DMEL (additional information): Not applicable

Additional information

PNEC (additional information): Not applicable

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.

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Before entering storage tanks and commencing any operation in a confined area (e.g. tunnels), carry out an adequate clean-up, and check the atmosphere for oxygen content and flammability.

Personal protective equipment (for industrial or professional use):

Gloves. Protective clothing. Safety glasses. Safety shoes or boots.

Hand protection:
When there is a risk of contact with the skin, use hydrocarbon-resistant, felt-lined gloves. Adequate materials: nitrile (NBR) or PVC 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.

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. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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.

Respiratory protection:

Personal protective equipment symbol(s):

Thermal hazard protection:
None in normal use conditions.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow-brown.</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>-45 °C (pour point) (ASTM D 97)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>848 kg/m³ (15°C) (ASTM D 4052)</td>
</tr>
<tr>
<td>Solubility</td>
<td>This product is not soluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>320 mm²/s (40 °C) (ASTM D 445)</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>None (according to composition).</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>None (according to composition).</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>
**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 (in normal conditions of storage and handling).

**10.3. Possibility of hazardous reactions**

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

**10.4. Conditions to avoid**

Keep away from open flames, hot surfaces and sources of ignition. Avoid the build-up of electrostatic charge.

**10.5. Incompatible materials**

Strong oxidants.

**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 toxicological effects**

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

<table>
<thead>
<tr>
<th>Compound</th>
<th>LD50 oral rat (mg/kg bodyweight)</th>
<th>LD50 dermal rabbit (mg/kg bodyweight)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, mono-C15-36-branched alkyl derivs., C24-rich (90171-05-4)</td>
<td>≥ 10000</td>
<td>≥ 3160</td>
</tr>
<tr>
<td>O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 oral rat (mg/kg)</td>
<td>≥ 2000 (OECD 401)</td>
<td></td>
</tr>
<tr>
<td>LD50 dermal rat (mg/kg)</td>
<td>&gt; 2000 (OECD 402)</td>
<td></td>
</tr>
</tbody>
</table>

- Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met)
- Additional information: (according to composition)
- Serious eye damage/irritation: Not classified (Based on available data, the classification criteria are not met)
- Additional information: (according to composition)
- 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)

<table>
<thead>
<tr>
<th>Compound</th>
<th>NOAEL (oral, rat, 90 days) (mg/kg bodyweight/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7)</td>
<td>1000</td>
</tr>
<tr>
<td>NOAEL (oral, rat)</td>
<td>1000 mg/kg bodyweight</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Additional information</td>
<td>(according to composition)</td>
</tr>
</tbody>
</table>

---

**Other information**

Additional information: No data available
Eni Blasia SX 320
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<table>
<thead>
<tr>
<th>Eni Blasia SX 320</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity, kinematic</td>
</tr>
</tbody>
</table>

Potential adverse human health effects and symptoms: Contact with eyes may cause temporary reddening and irritation.

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 - 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).

Acute aquatic toxicity: Not classified (Based on available data, the classification criteria are not met)

Chronic aquatic toxicity: Not classified (Based on available data, the classification criteria are not met)

---

**Benzene, mono-C15-36-branched alkyl derivs., C24-rich (90171-05-4)**

| LC50 fish 1 | 10000 mg/l (Sheepshead minnow) |
| EC50 Daphnia 1 | > 1000 mg/l |

**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 320**

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, mono-C15-36-branched alkyl derivs., C24-rich (90171-05-4)**

Biodegradation: 58.8 % (28d, OECD 301F)

**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 320**

Bioaccumulative potential: Not established.

12.4. Mobility in soil

**Eni Blasia SX 320**

Ecology - soil: No data available.

12.5. Results of PBT and vPvB assessment

**Eni Blasia SX 320**

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

<table>
<thead>
<tr>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, mono-C15-36-branched alkyl derivs., C24-rich (90171-05-4)</td>
</tr>
<tr>
<td>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</td>
</tr>
<tr>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
<tr>
<td>O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7)</td>
</tr>
<tr>
<td>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</td>
</tr>
<tr>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects

Other adverse effects: None.

Additional information: No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste): Disposal must be done according to official regulations.
Waste treatment methods: Do not dispose of the product, either new or used, by 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: European Waste Catalogue code(s) (Decision 2001/118/CE): 13 08 99* (oil wastes not otherwise specified - wastes not otherwise specified). 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.

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

EURL code (EWC): 13 08 99* - wastes not otherwise specified

SECTION 14: Transport information

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

<table>
<thead>
<tr>
<th>ADR</th>
<th>UN number</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.2</td>
<td>UN proper shipping name</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.3</td>
<td>Transport hazard class(es)</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.4</td>
<td>Packing group</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.5</td>
<td>Environmental hazards</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

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. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code: Not applicable.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>Benzene, C15-36-branched alkyl derivs., C24-rich - O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate</td>
</tr>
</tbody>
</table>

3(c) 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

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>Benzene, C15-36-branched alkyl derivs., C24-rich - O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate</td>
</tr>
</tbody>
</table>

No ingredients are included in the REACH Candidate list (> 0.1 % m/m).

Contains no REACH Annex XIV substances
Eni Blasia SX 320
Safety Data Sheet
According to Regulation (EU) No. 830/2015

### 15.1.2. National regulations

**National adoption of EU Directives concerning health and safety on the workplace.**


National adoption of EU Directives concerning control of major-accident hazards involving dangerous substances (2012/18/CE).

**Relevant national laws on prevention of water pollution.**

Relevant national laws on protection of the health of pregnant workers (National adoption of Dir. 92/85/EEC).

National adoption of Directives 75/439/CEE - 87/101/CEE concerning disposal of used oils.

**France**

Maladies professionelles (F) : RG 36 - Affections provoquées par les huiles et graisses d'origine minérale ou de synthèse

**Germany**

Reference to AwSV : Water hazard class (WGK) (D) 1, low hazard to water (Classification according to AwSV, Annex 1)

WGK remark : Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS)

VbF class (D) : Not applicable.

Storage class (LGK) (D) : LGK 10 - Combustible liquids

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.


Other information, restrictions and prohibition regulations : TRGS 900: Occupational Exposure Limits

TRGS 800: Fire protection measures

TRGS 555: Working instruction and information for workers

TRGS 402: Identification and Assessment of the Risks from Activities involving Hazardous Substances: Inhalation Exposure

TRGS 401: Risks resulting from skin contact - identification, assessment, measures

TRGS 400: Hazard assessment for activities involving Hazardous Substances

**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

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

### 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:

- O,O,O-tris(2(or 4)-C9-10-isoalkylyphenyl) phosphorothioate

**SECTION 16: Other information**

18/12/2018  EN (English)  9/10
Eni Blasia SX 320
Safety Data Sheet

According to Regulation (EU) No. 830/2015

Indication of changes:
All sections.

Abbreviations and acronyms:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADN</td>
<td>European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</td>
</tr>
<tr>
<td>ADR</td>
<td>European Agreement concerning the International Carriage of Dangerous Goods by Road</td>
</tr>
<tr>
<td>ATE</td>
<td>Acute Toxicity Estimate</td>
</tr>
<tr>
<td>BCF</td>
<td>Bioconcentration factor</td>
</tr>
<tr>
<td>CLP</td>
<td>Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008</td>
</tr>
<tr>
<td>DMEL</td>
<td>Derived Minimal Effect level</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived-No Effect Level</td>
</tr>
<tr>
<td>EC50</td>
<td>Effective concentration for 50 percent of test population (median effective concentration)</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Dangerous Goods</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal concentration for 50 percent of test population (median lethal concentration)</td>
</tr>
<tr>
<td>LD50</td>
<td>Lethal dose for 50 percent of test population (median lethal dose)</td>
</tr>
<tr>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
</tr>
<tr>
<td>NOAEC</td>
<td>No-observed Adverse Effect Concentration</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No-observed Adverse Effect Level</td>
</tr>
<tr>
<td>NOEC</td>
<td>No-observed Effect Concentration</td>
</tr>
<tr>
<td>OECD</td>
<td>Organisation for Economic Co-operation and Development</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent Bioaccumulative Toxic</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No-Effect Concentration</td>
</tr>
<tr>
<td>RID</td>
<td>Regulation concerning the International Carriage of Dangerous Goods by Railways</td>
</tr>
<tr>
<td>SDS</td>
<td>Safety Data Sheet</td>
</tr>
<tr>
<td>STP</td>
<td>Sewage treatment plant</td>
</tr>
<tr>
<td>vPvB</td>
<td>Very Persistent and Very Bioaccumulative</td>
</tr>
</tbody>
</table>

Data sources:
This Safety Data Sheet 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.

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:

<table>
<thead>
<tr>
<th>H-phrases</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 4</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 4</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H413</td>
<td>May cause long lasting harmful effects to aquatic life.</td>
</tr>
<tr>
<td>EUH210</td>
<td>Safety data sheet available on request.</td>
</tr>
</tbody>
</table>

SDS EU (REACH Annex II)

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.