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

1.1. Product identifier
Product form: Mixture
Trade name: Eni Blasia SX 220
Product code: 7737
Type of product: Lubricants
Formula: 0405-2018
Product group: Trade product

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
Use of the substance/mixture: Gearbox lubricant
Use not advised: 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
Via Laurentina 449 - 00142 Rome Italy
Phone: (+39) 06 59881 - Fax (+39) 06 59885700

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

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.
Child-resistant fastening : Not applicable
Tactile warning : Not applicable

Other:
General advice : None to be reported.

2.3. Other hazards (not relevant for classification)

Physical/chemical : None under normal conditions
Health : 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.
Environment : None
Contaminants : None
(air contaminants or other substances)

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

Composition/information on ingredients : Synthetic base stock (polyolefins) Additives
Hazardous ingredients and/or with relevant occupational exposure limits : See table

<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 (EC Index-No.) N/A (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 (EC Index-No.) 015-171-00-7 (REACH-no) 01-0000015643-71</td>
<td>1 - 1,5</td>
<td>Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: In case of disturbances owing to inhalation of vapours or mists, remove the victim from exposure; keep at rest; if necessary, seek medical attention.

First-aid measures after skin contact: Take off contaminated clothing and shoes. Wash thoroughly with soap and water. If inflammation or irritation persists, seek medical advice.

First-aid measures after eye contact: Rinse eyes thoroughly for at least 15 minutes. Keep eyelids well apart. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.

First-aid measures after ingestion: Get medical advice/attention. Give nothing to drink.

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

Symptoms/effects after inhalation: None under normal conditions at ambient temperatures.

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 irritation, nausea and gastric disturbances. Taking into account the taste of the product, however, ingestion of dangerous quantities is very unlikely.

Symptoms/effects upon intravenous administration: No information available.

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

Treat symptomatically. Obtain medical attention if casualty has an altered state of consciousness or if symptoms do not resolve.

SECTION 5: Firefighting measures

5.1. Extinguishing media


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: None.

Combustion products: 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. Spilled product which is not burning should be covered with sand or foam. If possible, move containers and drums away from danger area. 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: Personal protection equipment for firefighters (see also sect. 8). EN 443. EN 469. EN 659. 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.

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. 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. Do not attempt to take action without suitable protective equipment.
- **Emergency procedures**: Notify local authorities according to relevant regulations.

### 6.2. Environmental precautions

- Prevent product from entering sewers, rivers or other bodies of water. 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. Recover free liquid in suitable containers. Clean contaminated area. Dispose of according to local regulations.
- **Methods for cleaning up**: Can be dumped or incinerated according to local 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.

**SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

- **Precautions for safe handling**: Ensure that all relevant regulations regarding handling and storage facilities of flammable products are followed.
- **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 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.

### 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**: Keep away from: strong oxidants.
- **Storage temperature**: This product can be stored at ambient temperatures.
- **Storage area**: Storage area 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

<table>
<thead>
<tr>
<th>Eni Blasia SX 220</th>
<th>DNEL/DMEL (additional information)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional information</td>
<td>Not applicable</td>
</tr>
<tr>
<td>PNEC (additional information)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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.

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.

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 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.

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 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.

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). Combination filter device (DIN EN 141). 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 hazard protection: If contact with hot product is possible or anticipated, gloves should be heat-resistant and thermally insulated.

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

Consumer exposure controls: Not applicable.

8.3. Hygiene measures

General protective and hygienic measures: Avoid contact with skin and eyes, Do not breathe vapours or mists, Do not clean hands with dirty or oil-soaked rags, Do not keep dirty rags in the overall pockets, Do not drink, eat or smoke with dirty hands, Wash hands with water and mild soap, do not use solvents or other irritant products which have a defatting effect on the skin, Do not re-use clothes, if they are still contaminated.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid, bright &amp; clear.</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>Not applicable for mixtures</td>
</tr>
<tr>
<td>Colour</td>
<td>Pale yellow.</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>There are no data available</td>
</tr>
<tr>
<td>on the preparation/mixture itself.</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>There are no data available</td>
</tr>
<tr>
<td>on the preparation/mixture itself.</td>
<td></td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>Negligible.</td>
</tr>
<tr>
<td>(butylacetate=1)</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>-48 °C (pour point) (ASTM D 97)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>255 °C (ASTM D 92)</td>
</tr>
<tr>
<td>Critical temperature</td>
<td>Not applicable for mixtures</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Eni Blasia SX 220
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Decomposition temperature : No data available
Flammability (solid, gas) : Not applicable
Vapour pressure : No data available
Critical pressure : Not applicable for mixtures
Relative vapour density at 20 °C : No data available
Relative density : No data available
Density : 845 kg/m³ (15 °C) (ASTM D 4052)
Solubility : Water: Immiscible and insoluble
Log Pow : Not applicable for mixtures
Log Kow : Not applicable for mixtures
Viscosity, kinematic : 220 mm²/s (40 °C) (ASTM D 445)
Viscosity, dynamic : No data available
Explosive properties : None (according to composition).
Oxidising properties : None (according to composition).
Explosive limits : No data available

9.2. Other information
Additional information : No data available

The above data (9.1 - 9.2) are typical values and do not constitute a specification.

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).

10.4. Conditions to avoid
Keep away from open flames, hot surfaces and sources of ignition.

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 : Toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified (Based on available data, the classification criteria are not met) (according to composition)

Benzene, mono-C15-36-branched alkyl derivs., C24-rich (90171-05-4)
LD50 oral rat ≥ 10000 mg/kg bodyweight
LD50 dermal rabbit ≥ 3160 mg/kg bodyweight

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) (according to composition)

pH: There are no data available on the preparation/mixture itself.
Eni Blasia SX 220

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

pH: There are no data available on the preparation/mixture itself.

Respiratory or skin sensitisation: Not classified (Based on available data, the classification criteria are not met) (according to composition)

Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met) (according to composition)

Carcinogenicity: Not classified (Based on available data, the classification criteria are not met) (according to composition)

Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met) (according to composition)

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

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

O,O,O-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate (126019-82-7)

NOAEL (oral, rat) 1000 mg/kg bodyweight

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

Eni Blasia SX 220

Viscosity, kinematic 220 mm²/s (40 °C) (ASTM D 445)

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 (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)

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 220

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 220

Log Pow  
Not applicable for mixtures

Log Kow  
Not applicable for mixtures

Bioaccumulative potential  
Not established.

12.4. Mobility in soil

Eni Blasia SX 220

Ecology - soil  
No data available.

12.5. Results of PBT and vPvB assessment

Eni Blasia SX 220

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

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

12.6. Other adverse effects

Other adverse effects  
None.

Additional information  
No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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.

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

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

SECTION 14: Transport information

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

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1. UN number</td>
<td>Not regulated for transport</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.2. UN proper shipping name</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.3. Transport hazard class(es)</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.4. Packing group</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.5. Environmental hazards</td>
<td>Dangerous for the environment : No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Eni Blasia SX 220**

**Safety Data Sheet**

According to Regulation (EU) No. 830/2015

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**14.6. Special precautions for user**

Special transport precautions: None.

- **Overland transport**
  Transport regulations (ADR): Not subject

- **Transport by sea**
  Transport regulations (IMDG): Not subject
  Limited quantities (IMDG): Not applicable

- **Air transport**
  Transport regulations (IATA): Not subject

- **Inland waterway transport**
  Transport regulations (ADN): Not subject

- **Rail transport**
  Transport regulations (RID): Not subject

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 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:

<table>
<thead>
<tr>
<th>Description</th>
<th>IBC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>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</td>
<td>0,0,0-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate - Benzene, mono-C15-36-branched alkyl derivs., C24-rich</td>
</tr>
<tr>
<td>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</td>
<td>0,0,0-tris(2(or 4)-C9-10-isoalkylphenyl) phosphorothioate - Benzene, mono-C15-36-branched alkyl derivs., C24-rich</td>
</tr>
</tbody>
</table>

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

Contains no REACH Annex XIV substances

**Relevant EU Legislation**


Directive 98/24/EC (protection of the health and safety of workers from the risks related to chemical agents at work).

Directive 92/85/CE (measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding)

Directive 2012/18/CE (Control of major-accident hazards involving dangerous substances)

Directive 2004/42/CE (Limitation of emissions of Volatile Organic Compounds)
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 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.

Germany

Reference to AwSV

: Water hazard class (WGK) (D) 1, low hazard to waters (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 12 - Non-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.

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

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 - Lozing minimaliseren

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:

\[\text{O}_3\text{O},\text{O}-\text{tris}(2\text{or 4}-\text{C9-10-isoalkyphenyl})\text{ phosphorothioate}\]

SECTION 16: Other information

Indication of changes:
Modification according to Regulation (EC) 830/2015.

Abbreviations and acronyms:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/D</td>
<td>not available</td>
</tr>
<tr>
<td>N/A</td>
<td>not applicable</td>
</tr>
<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>
</tbody>
</table>
Eni Blasia SX 220
Safety Data Sheet
According to Regulation (EU) No. 830/2015

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 |
| Aquatic Chronic 4 | Hazardous to the aquatic environment — Chronic Hazard, Category 4 |
| 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. |

SDS EU (REACH Annex II) eni 2015

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.