

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : SOL 1205

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Use of the substance/mixture : Asphalt, Shoes, Adhesives, Modifying agent for Plastic

**1.2.2. Uses advised against**

Restrictions on use : Not available

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Kumho Petrochemical Co.Ltd  
287-1, Pyeongyeo-Dong, Yeosu-si Jeollanam-do, Korea  
T +82 61 688 3060 ~ 9 - F +82 61 688 3168

**Supplier**

TsafeE GmbH  
Landwehrplatz 6, 66111 Saarbruecken, Germany  
T +49 177 9166175  
[tsg@tsafeg.com](mailto:tsg@tsafeg.com)

**1.4. Emergency telephone number**

| Country | Organisation/Company   | Address                                  | Emergency number  | Comment |
|---------|--|--|-------------------|---------|
| Germany | Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Niedersachsen und Schleswig-Holstein (GIZ-Nord)<br>Universitätsmedizin Göttingen - Georg-August-Universität | Robert-Koch Straße 40<br>37075 Göttingen | +49 (0) 551 19240 |         |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

**2.3. Other hazards**

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

**Component**

|  |   |
|--|---|
| Phosphorous acid, mixed 2,4-bis(1,1-dimethylpropyl)phenyl and 4-(1,1-dimethylpropyl)phenyl triesters (939402-02-5) | PBT: not relevant – no registration required<br>vPvB: not relevant – no registration required |
|--|---|

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Component   |   |
|---|---|
| Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (2082-79-3) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

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 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 at a concentration equal to or greater than 0,1 %

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name   | Product identifier                        | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|-----------|---|
| STYRENE-BUTADIENE RUBBER   | CAS-No.: 9003-55-8                        | 99.5      | Not classified  |
| Phosphorous acid, mixed 2,4-bis(1,1-dimethylpropyl)phenyl and 4-(1,1-dimethylpropyl)phenyl triesters | CAS-No.: 939402-02-5<br>EC-No.: 700-485-5 | 0.1 – 0.3 | Not classified  |
| Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate  | CAS-No.: 2082-79-3<br>EC-No.: 218-216-0   | 0.1 – 0.3 | Not classified  |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : Specific treatment is necessary.<br>Remove person to fresh air and keep comfortable for breathing.<br>If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>Move the affected person away from the contaminated area and into the fresh air. |
| First-aid measures after skin contact | : Wash contaminated clothing before reuse.<br>Immediately rinse with plenty of water (for at least 15 minutes).<br>After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.   |
| First-aid measures after eye contact  | : Do not rub eyes.<br>Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum).  |
| First-aid measures after ingestion    | : Rinse mouth thoroughly with water.<br>Call a poison center or a doctor if you feel unwell.<br>Give nothing to drink.<br>Do not induce vomiting (irritation of the stomach possible).<br>Ask for medical advice.   |

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

No additional information available

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

Treat symptomatically.

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>). Dry powder.  
Special protective equipment and precautions for fire-fighters.
- Unsuitable extinguishing media : Do not use straight streams.

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

- Fire hazard : Could be ignited by heat, sparks or flames.  
Could burn but do not ignite readily.  
Contains gas under pressure; may explode if heated.  
Fire produces a combination of irritating, corrosive and toxic gases.
- Explosion hazard : Pressurised container: May burst if heated.
- Hazardous decomposition products in case of fire : Toxic fumes may be released.  
Vapour could cause dizziness or suffocation.

#### 5.3. Advice for firefighters

- Firefighting instructions : Inhalation of material could be harmful.  
Withdraw immediately in case of rising sound from venting devices or discolouration from tank.  
Do not enter fire area without proper protective equipment, including respiratory protection.
- Protection during firefighting : Complete protective clothing.  
Notify fire brigade and environmental authorities.  
Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Stop leak if safe to do so.  
Avoid contact with skin, eyes and clothing.  
Ventilate confined spaces before entering.  
Only qualified personnel equipped with suitable protective equipment may intervene.  
Move containers from fire area if it can be done without personal risk.

##### 6.1.2. For emergency responders

- Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".  
Do not attempt to take action without suitable protective equipment.

#### 6.2. Environmental precautions

- Avoid release to the environment.  
In case of large spillages: Notify authorities if liquid enters sewers or public waters.  
Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

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

- Methods for cleaning up : If spillage occurs on the public highway, indicate the danger and notify the authorities (police, fire brigade).  
Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable waste treatment techniques.  
For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal.  
Collect leaking and spilled liquid in sealable containers as far as possible.  
Small spills: Use suitable disposal containers.  
Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
- Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

- For further information refer to section 13.

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                               |  |
|-------------------------------|--|
| Precautions for safe handling | : Wear personal protective equipment.<br>Conform to current legislation, regulations and orders.<br>Read and follow the Safety Data Sheet (SDS) before use.<br>Avoid any direct contact with the product.<br>Use only outdoors or in a well-ventilated area.<br>Ensure good ventilation of the work station. |
| Hygiene measures              | : Do not eat, drink or smoke when using this product.<br>Always wash hands after handling the product.   |

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

|                    |   |
|--------------------|---|
| Storage conditions | : Check leak tightness / impermeability prior to use.<br>Avoid static, spark, and fire hazards.<br>Protect from heat and direct sunlight.<br>Do not heat the storage container.<br>Do not re-use empty containers without proper cleaning or reconditioning.<br>Store in a well-ventilated place. |
|--------------------|---|

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station.

Measure concentrations regularly, and at the time of any change occurring in conditions likely to have consequences on workers exposure.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment symbol(s):



###### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses.

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

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Effective dust mask.

High efficiency particulate air filter (HEPA filter).

Carefully comply with the instructions for use.

Wear suitable respiratory equipment in case of insufficient ventilation.

In case of insufficient ventilation, wear suitable respiratory equipment.

Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|   |                       |
|---|-----------------------|
| Physical state                                  | : Solid               |
| Colour  | : white.              |
| Odour   | : Rubbers.            |
| Odour threshold                                 | : Not available       |
| Melting point                                   | : Not available       |
| Freezing point                                  | : Not available       |
| Boiling point                                   | : Not available       |
| Flammability                                    | : Not available       |
| Explosive limits                                | : Not applicable      |
| Lower explosion limit                           | : Not applicable      |
| Upper explosion limit                           | : Not applicable      |
| Flash point                                     | : > 288 °C            |
| Auto-ignition temperature                       | : 440 °C              |
| Decomposition temperature                       | : Not available       |
| pH  | : Not available       |
| pH solution                                     | : Not available       |
| Viscosity, kinematic                            | : > 0.91 – < 0.97     |
| Solubility                                      | : insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available       |
| Vapour pressure                                 | : Not available       |
| Vapour pressure at 50°C                         | : Not available       |
| Density   | : Not available       |
| Relative density                                | : Not available       |
| Relative vapour density at 20°C                 | : Not applicable      |
| Particle size                                   | : Not available       |
| Particle size distribution                      | : Not available       |
| Particle shape                                  | : Not available       |
| Particle aspect ratio                           | : Not available       |
| Particle aggregation state                      | : Not available       |
| Particle agglomeration state                    | : Not available       |
| Particle specific surface area                  | : Not available       |
| Particle dustiness                              | : Not available       |

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

Hazardous polymerisation: Not available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Prevents handling of incompatible substances or mixtures.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not available

Acute toxicity (dermal) : Not available

Acute toxicity (inhalation) : Not available

#### Phosphorous acid, mixed 2,4-bis(1,1-dimethylpropyl)phenyl and 4-(1,1-dimethylpropyl)phenyl triesters (939402-02-5)

|                 |   |
|-----------------|---|
| LD50 oral rat   | > 2000 mg/kg bodyweight Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method) |
| LD50 dermal rat | > 2000 g/kg OECD Guideline 402 (Acute Dermal Toxicity)  |

#### Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (2082-79-3)

|                       |  |
|-----------------------|--|
| LD50 oral rat         | > 5000 mg/kg bodyweight Species: other: Tif: RAIf(SPF) |
| LD50 dermal rat       | > 2000 mg/kg bodyweight Species: other: Tif: RAIf(SPF) |
| LC50 Inhalation - Rat | > 1.81 mg/l air Species: other: Tif. RAI               |

Skin corrosion/irritation : Not available

Serious eye damage/irritation : Not available

Respiratory or skin sensitisation : Not available

Germ cell mutagenicity : Not available

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Carcinogenicity : Not available

### Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (2082-79-3)

|   |  |
|---|--|
| NOAEL (chronic, oral, animal/male, 2 years) | ≥ 218 mg/kg bodyweight Species: other: CFY |
|---|--|

Reproductive toxicity : Not available

### Phosphorous acid, mixed 2,4-bis(1,1-dimethylpropyl)phenyl and 4-(1,1-dimethylpropyl)phenyl triesters (939402-02-5)

|                         |   |
|-------------------------|---|
| NOAEL (animal/male, F1) | 1000 mg/kg bodyweight Species: Wistar rat |
|-------------------------|---|

### Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (2082-79-3)

|                             |   |
|-----------------------------|---|
| NOAEL (animal/female, F0/P) | ≥ 373.04 mg/kg bodyweight Species: other: Crl:COBS CD (SD) BR |
|-----------------------------|---|

STOT-single exposure : Not available

STOT-repeated exposure : Not available

Aspiration hazard : Not available

### SOL 1205

|                      |                 |
|----------------------|-----------------|
| Viscosity, kinematic | > 0.91 – < 0.97 |
|----------------------|-----------------|

## 11.2. Information on other hazards

No additional information available

## 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.

Hazardous to the aquatic environment, short-term (acute) : Not available

Hazardous to the aquatic environment, long-term (chronic) : Not available

Not rapidly degradable

### Phosphorous acid, mixed 2,4-bis(1,1-dimethylpropyl)phenyl and 4-(1,1-dimethylpropyl)phenyl triesters (939402-02-5)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 100 mg/l Species: Oncorhynchus mykiss (previous name: Salmo gairdneri) |
|-----------------|--|

|                |  |
|----------------|--|
| NOEC (chronic) | 320 mg/l Species: activated sludge a predominantly domestic sewage |
|----------------|--|

|                   |  |
|-------------------|--|
| NOEC chronic fish | 100 mg/l Species: other: Gobiocypris rarus |
|-------------------|--|

### Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (2082-79-3)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | > 100 mg/l Species: Lepomis macrochirus |
|-----------------|---|

|                 |  |
|-----------------|--|
| LC50 - Fish [2] | > 100 mg/l Species: Oncorhynchus mykiss (previous name: Salmo gairdneri) |
|-----------------|--|

|                      |  |
|----------------------|--|
| EC50 72h - Algae [1] | > 30 mg/l Species: Desmodesmus subspicatus (previous name: Scendesmus subspicatus) |
|----------------------|--|

|                        |                                 |
|------------------------|---------------------------------|
| NOEC chronic crustacea | ≥ 2 mg/l Species: Daphnia magna |
|------------------------|---------------------------------|

|                    |  |
|--------------------|--|
| NOEC chronic algae | 30 mg/l Species: Desmodesmus subspicatus (previous name: Scendesmus subspicatus) |
|--------------------|--|

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### Phosphorous acid, mixed 2,4-bis(1,1-dimethylpropyl)phenyl and 4-(1,1-dimethylpropyl)phenyl triesters (939402-02-5)

|                |                                       |
|----------------|---------------------------------------|
| BCF - Fish [1] | > 40 – < 352 Speices: Cyprinus carpio |
|----------------|---------------------------------------|

#### Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (2082-79-3)

|                |   |
|----------------|---|
| BCF - Fish [1] | > 210 – < 1470 Species: Cyprinus carpio |
|----------------|---|

|                           |                          |
|---------------------------|--------------------------|
| Bioaccumulative potential | Reduced Bioaccumulation. |
|---------------------------|--------------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### Component

|  |   |
|--|---|
| Phosphorous acid, mixed 2,4-bis(1,1-dimethylpropyl)phenyl and 4-(1,1-dimethylpropyl)phenyl triesters (939402-02-5) | PBT: not relevant – no registration required<br>vPvB: not relevant – no registration required |
|--|---|

|   |   |
|---|---|
| Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (2082-79-3) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
|---|---|

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Separate using oil separator.  
Recycle the material as far as possible.  
The generation of waste should be avoided or minimized wherever possible.  
Incinerate contaminated materials at an authorized installation.  
Dispose of contaminated materials in accordance with current regulations.  
Dispose of contents/container in accordance with licensed collector's sorting instructions and in accordance to local and regional legislation.

Sewage disposal recommendations : Disposal must be done according to official regulations.  
HP Code : Auto detect - Auto detect

## SECTION 14: Transport information

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

| ADR                                  | IMDG          | IATA          | ADN           | RID           |
|--------------------------------------|---------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>  |               |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b> |               |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated | Not regulated |

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|---|---------------|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |               |

### 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

#### 15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

Contains no substance(s) listed on the REACH Candidate List

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

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

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

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

#### 15.1.2. National regulations

##### Germany

Employment restrictions

: Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK)

: WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV)

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

Storage class (LGK, TRGS 510)

: LGK 13 - Non-combustible solids

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Joint storage table

|          |         |          |          |           |
|----------|---------|----------|----------|-----------|
| LGK 1    | LGK 2A  | LGK 2B   | LGK 3    | LGK 4.1A  |
| LGK 4.1B | LGK 4.2 | LGK 4.3  | LGK 5.1A | LGK 5.1B  |
| LGK 5.1C | LGK 5.2 | LGK 6.1A | LGK 6.1B | LGK 6.1C  |
| LGK 6.1D | LGK 6.2 | LGK 7    | LGK 8A   | LGK 8B    |
| LGK 10   | LGK 11  | LGK 12   | LGK 13   | LGK 10-13 |

Joint storage not permitted for

: LGK 1, LGK 6.2, LGK 7

Joint storage with restrictions permitted for

: LGK 4.1A, LGK 5.1C

Joint storage permitted for

: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|        |   |
|--------|---|
| 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   |
| BLV    | Biological limit value  |
| BOD    | Biochemical oxygen demand (BOD)   |
| COD    | Chemical oxygen demand (COD)  |
| DMEL   | Derived Minimal Effect level  |
| DNEL   | Derived-No Effect Level   |
| EC-No. | European Community number   |
| EC50   | Median effective concentration  |
| EN     | European Standard   |
| IARC   | International Agency for Research on Cancer   |
| IATA   | International Air Transport Association   |
| IMDG   | International Maritime Dangerous Goods  |
| LC50   | Median lethal concentration   |
| LD50   | 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   |
| RID    | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |

# SOL 1205

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Abbreviations and acronyms: |  |
|-----------------------------|--|
| SDS                         | Safety Data Sheet                        |
| STP                         | Sewage treatment plant                   |
| ThOD                        | Theoretical oxygen demand (ThOD)         |
| TLM                         | Median Tolerance Limit                   |
| VOC                         | Volatile Organic Compounds               |
| CAS-No.                     | Chemical Abstract Service number         |
| N.O.S.                      | Not Otherwise Specified                  |
| vPvB                        | Very Persistent and Very Bioaccumulative |
| ED                          | Endocrine disrupting properties          |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU, TSAFEG

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.