

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

### 1.1. Product identifier

|               |                           |
|---------------|---------------------------|
| Product form  | : Mixture                 |
| Product name  | : PLATINISED COPPER OXIDE |
| Product code  | : B1030, B1050            |
| Product group | : End product             |

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

#### 1.2.1. Relevant identified uses

|                              |                        |
|------------------------------|------------------------|
| Main use category            | : Professional use     |
| Use of the substance/mixture | : Laboratory chemicals |
| Function or use category     | : Laboratory chemicals |

#### 1.2.2. Uses advised against

No additional information available

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

Elemental Microanalysis Ltd  
1 Hameldown Road  
Okehampton – Devon EX20 1UB  
GB United Kingdom  
T +44 1837 54446  
[enquiries@microanalysis.co.uk](mailto:enquiries@microanalysis.co.uk) - <https://www.elementalmicroanalysis.com/>

### 1.4. Emergency telephone number

Emergency number : +44 (0) 7990 767375

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

|   |      |
|---|------|
| Hazardous to the aquatic environment – Acute Hazard, Category 1   | H400 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 1 | H410 |
| Full text of H- and EUH-statements: see section 16                |      |

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

Very toxic to aquatic life with long lasting effects.

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS09

|                                |  |
|--------------------------------|--|
| Signal word (CLP)              | : Warning  |
| Hazard statements (CLP)        | : H410 - Very toxic to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P391 - Collect spillage.                                     |

### 2.3. Other hazards

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

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

## 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] |
|--|---|----|---|
| COPPER (II) OXIDE<br>substance with national workplace exposure limit(s)<br>(FI); substance with a Community workplace exposure limit  | CAS-No.: 1317-38-0<br>EC-No.: 215-269-1<br>EC Index-No.: 029-016-00-6 | 85 | Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=10) |
| PLATINUM<br>substance with national workplace exposure limit(s)<br>(AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, IS, MK, RS, TR); substance with a Community workplace exposure limit | CAS-No.: 7440-06-4<br>EC-No.: 231-116-1                               | 15 | Not classified  |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.           |

### 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.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6: Accidental release measures

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

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

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

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

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Collect spillage.  
Methods for cleaning up : Mechanically recover the product.  
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.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

#### 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

| PLATINUM (7440-06-4)                               |  |
|--|--|
| EU - Indicative Occupational Exposure Limit (IOEL) |  |
| Local name   | Platinum (metallic)  |
| IOEL TWA   | 1 mg/m <sup>3</sup>  |
| Regulatory reference                               | COMMISSION DIRECTIVE 91/322/EEC  |
| United Kingdom - Occupational Exposure Limits      |  |
| Local name   | Platinum   |
| WEL TWA (OEL TWA) [1]                              | 5 mg/m <sup>3</sup> metal<br>0.002 mg/m <sup>3</sup> compounds, soluble (except certain halogeno-Pt compounds) (as Pt) |
| Regulatory reference                               | EH40/2005 (Fourth edition, 2020). HSE  |

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### COPPER (II) OXIDE (1317-38-0)

#### EU - Indicative Occupational Exposure Limit (IOEL)

|                      |  |
|----------------------|--|
| Local name           | Copper(II) oxide                             |
| IOEL TWA             | 0.01 mg/m <sup>3</sup> (respirable fraction) |
| Remark               | (Year of adoption 2014)                      |
| Regulatory reference | SCOEL Recommendations                        |

#### 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.

#### 8.2.2. Personal protection equipment

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



##### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses

##### 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:

In case of insufficient ventilation, wear suitable respiratory 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

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|   |                      |
|---|----------------------|
| Colour  | : Grey.              |
| Odour   | : odourless.         |
| Odour threshold                                 | : Not available      |
| Melting point                                   | : No data available. |
| Freezing point                                  | : Not applicable     |
| Boiling point                                   | : Not available      |
| Flammability                                    | : Non flammable.     |
| Explosive limits                                | : Not applicable     |
| Lower explosion limit                           | : Not applicable     |
| Upper explosion limit                           | : Not applicable     |
| Flash point                                     | : Not applicable     |
| Auto-ignition temperature                       | : No data available. |
| Decomposition temperature                       | : Not available      |
| pH  | : No data available. |
| pH solution                                     | : Not available      |
| Viscosity, kinematic                            | : Not applicable     |
| Solubility                                      | : Not available      |
| 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                                | : No data available. |
| Relative vapour density at 20°C                 | : No data available. |
| Particle size                                   | : Not available      |

### 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.

### 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

None under recommended storage and handling conditions (see section 7).

### 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 classified |
| Acute toxicity (dermal) | : Not classified |

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Acute toxicity (inhalation) : Not classified

### PLATINUM (7440-06-4)

|               |   |
|---------------|---|
| LD50 oral rat | > 3400 mg/kg bodyweight Animal: rat, Animal sex: male |
|---------------|---|

### COPPER (II) OXIDE (1317-38-0)

|               |   |
|---------------|---|
| LD50 oral rat | > 2500 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
|---------------|---|

|                 |  |
|-----------------|--|
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) |
|-----------------|--|

|                       |              |
|-----------------------|--------------|
| LC50 Inhalation - Rat | > 2000 mg/kg |
|-----------------------|--------------|

Skin corrosion/irritation : Not classified  
pH: No data available.

### COPPER (II) OXIDE (1317-38-0)

|    |                  |
|----|------------------|
| pH | 7 Source: GESTIS |
|----|------------------|

Serious eye damage/irritation : Not classified  
pH: No data available.

### COPPER (II) OXIDE (1317-38-0)

|    |                  |
|----|------------------|
| pH | 7 Source: GESTIS |
|----|------------------|

Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

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|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.  
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.  
Not rapidly degradable

### COPPER (II) OXIDE (1317-38-0)

|                 |           |
|-----------------|-----------|
| LC50 - Fish [1] | 25.4 mg/l |
|-----------------|-----------|

|                      |                          |
|----------------------|--------------------------|
| EC50 - Crustacea [1] | 0.0926 mg/l Source: ECHA |
|----------------------|--------------------------|

|                                    |            |
|------------------------------------|------------|
| EC50 - Other aquatic organisms [1] | 0.011 mg/l |
|------------------------------------|------------|

### 12.2. Persistence and degradability

No additional information available

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### 12.3. Bioaccumulative potential

#### PLATINUM (7440-06-4)

|   |                       |
|---|-----------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.03 Source: EPISUITE |
|---|-----------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 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 | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                  |
| HP Code                 | : HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment |

## 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>  |   |   |   |   |
| UN 3077  | UN 3077   | UN 3077   | UN 3077   | UN 3077   |
| <b>14.2. UN proper shipping name</b>   |   |   |   |   |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : COPPER (II) OXIDE)                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : COPPER (II) OXIDE)                                   | Environmentally hazardous substance, solid, n.o.s. (CONTAINS : COPPER (II) OXIDE)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : COPPER (II) OXIDE)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : COPPER (II) OXIDE)                 |
| <b>Transport document description</b>  |   |   |   |   |
| UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : COPPER (II) OXIDE), 9, III, (-) | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : COPPER (II) OXIDE), 9, III, MARINE POLLUTANT | UN 3077 Environmentally hazardous substance, solid, n.o.s. (CONTAINS : COPPER (II) OXIDE), 9, III | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : COPPER (II) OXIDE), 9, III | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS : COPPER (II) OXIDE), 9, III |
| <b>14.3. Transport hazard class(es)</b>  |   |   |   |   |
| 9  | 9   | 9   | 9   | 9   |
|                     |                                  |                |               |              |

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| ADR                                    | IMDG  | IATA                               | ADN                                | RID                                |
|--|---|------------------------------------|------------------------------------|------------------------------------|
| <b>14.4. Packing group</b>             |   |                                    |                                    |                                    |
| III                                    | III   | III                                | III                                | III                                |
| <b>14.5. Environmental hazards</b>     |   |                                    |                                    |                                    |
| Dangerous for the environment: Yes     | Dangerous for the environment: Yes<br>Marine pollutant: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available |   |                                    |                                    |                                    |

### 14.6. Special precautions for user

#### Overland transport

|   |   |
|---|---|
| Classification code (ADR)   | : M7  |
| Special provisions (ADR)  | : 274, 335, 375, 601  |
| Limited quantities (ADR)  | : 5kg   |
| Excepted quantities (ADR)   | : E1  |
| Packing instructions (ADR)  | : P002, IBC08, LP02, R001   |
| Special packing provisions (ADR)  | : PP12, B3  |
| Mixed packing provisions (ADR)  | : MP10  |
| Portable tank and bulk container instructions (ADR)                     | : T1, BK1, BK2, BK3   |
| Portable tank and bulk container special provisions (ADR)               | : TP33  |
| Tank code (ADR)   | : SGAV, LGBV  |
| Vehicle for tank carriage   | : AT  |
| Transport category (ADR)  | : 3   |
| Special provisions for carriage - Packages (ADR)                        | : V13   |
| Special provisions for carriage - Bulk (ADR)                            | : VC1, VC2  |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV13  |
| Hazard identification number (Kemler No.)                               | : 90  |
| Orange plates   | :  |
| Tunnel restriction code (ADR)   | : -   |
| EAC code  | : 2Z  |

#### Transport by sea

|                                   |                           |
|-----------------------------------|---------------------------|
| Special provisions (IMDG)         | : 274, 335, 966, 967, 969 |
| Limited quantities (IMDG)         | : 5 kg                    |
| Excepted quantities (IMDG)        | : E1                      |
| Packing instructions (IMDG)       | : LP02, P002              |
| Special packing provisions (IMDG) | : PP12                    |
| IBC packing instructions (IMDG)   | : IBC08                   |
| IBC special provisions (IMDG)     | : B3                      |
| Tank instructions (IMDG)          | : BK1, BK2, BK3, T1       |
| Tank special provisions (IMDG)    | : TP33                    |
| EmS-No. (Fire)                    | : F-A                     |
| EmS-No. (Spillage)                | : S-F                     |
| Stowage category (IMDG)           | : A                       |
| Stowage and handling (IMDG)       | : SW23                    |

#### Air transport

|  |         |
|--|---------|
| PCA Excepted quantities (IATA)               | : E1    |
| PCA Limited quantities (IATA)                | : Y956  |
| PCA limited quantity max net quantity (IATA) | : 30kgG |
| PCA packing instructions (IATA)              | : 956   |
| PCA max net quantity (IATA)                  | : 400kg |
| CAO packing instructions (IATA)              | : 956   |



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CAO max net quantity (IATA) : 400kg  
Special provisions (IATA) : A97, A158, A179, A197, A215  
ERG code (IATA) : 9L

### Inland waterway transport

Classification code (ADN) : M7  
Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 kg  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T\* B\*\*  
Equipment required (ADN) : PP, A\*\*\*  
Number of blue cones/lights (ADN) : 0  
Additional requirements/Remarks (ADN) : \* Only in the molten state. \*\* For carriage in bulk see also 7.1.4.1. \*\*\* Only in the case of transport in bulk.

### Rail transport

Classification code (RID) : M7  
Special provisions (RID) : 274, 335, 375, 601  
Limited quantities (RID) : 5kg  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P002, IBC08, LP02, R001  
Special packing provisions (RID) : PP12, B3  
Mixed packing provisions (RID) : MP10  
Portable tank and bulk container instructions (RID) : T1, BK1, BK2, BK3  
Portable tank and bulk container special provisions (RID) : TP33  
Tank codes for RID tanks (RID) : SGAV, LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W13  
Special provisions for carriage – Bulk (RID) : VC1, VC2  
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31  
Colis express (express parcels) (RID) : CE11  
Hazard identification number (RID) : 90

### 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

##### REACH Annex XVII (Restriction List)

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

##### REACH Annex XIV (Authorisation List)

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

##### REACH Candidate List (SVHC)

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

##### PIC Regulation (Prior Informed Consent)

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

##### POP Regulation (Persistent Organic Pollutants)

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

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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### Explosives Precursors Regulation (2019/1148)

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

### Drug Precursors Regulation (273/2004)

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

### 15.1.2. National regulations

No additional information available

## 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                    |
| SDS    | Safety Data Sheet   |
| STP    | Sewage treatment plant  |
| ThOD   | Theoretical oxygen demand (ThOD)  |

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### Abbreviations and acronyms:

|         |  |
|---------|--|
| 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          |

### Full text of H- and EUH-statements:

|                   |   |
|-------------------|---|
| Aquatic Acute 1   | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| H400              | Very toxic to aquatic life.                                       |
| H410              | Very toxic to aquatic life with long lasting effects.             |

The classification complies with : ATP 12

Safety Data Sheet (SDS)\_EMAL, EU

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