# SAFETY DATA SHEET

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

### *1.1 Product identifier*

***Product name*** : Phoenix 370-60 - WHITE

***Product code*** : PH370-60

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

***Material uses*** : Paint or paint related material.

: Industrial use only.

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

Sherwin-Williams UK Limited - Protective & Marine
Coatings Division EMEAI
Tower Works
Kestor Street
Bolton
BL2 2AL
United Kingdom
+44 (0) 1204 521771

The Sherwin-Williams Company
Inver France SAS
2 Rue Jean Revaus - BP 80088 - 79102
Thouars CEDEX
France

***e-mail address of person responsible for this SDS*** : hse.pm.emea@sherwin.com

### *1.4 Emergency telephone number*

**National advisory body/Poison Center**

***Telephone number*** : 021.318.36.06

**Supplier**

***Telephone number*** : +(44)-870-8200 418

***Hours of operation*** : Emergency contact available 24 hours a day

## SECTION 2: Hazards identification

### *2.1 Classification of the substance or mixture*

***Product definition*** : Mixture

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

Carc. 2, H351
Repr. 2, H361
STOT RE 2, H373

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

## SECTION 2: Hazards identification

### *2.2 Label elements*

***Hazard pictograms*** :



***Signal word*** : Warning

***Hazard statements*** : Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

***Prevention*** : Obtain special instructions before use. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Do not breathe vapor.

***Response*** : IF exposed or concerned: Get medical advice or attention.

***Storage*** : Not applicable.

***Disposal*** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

***Hazardous ingredients*** : 1,3,5-triazine-2,4,6-triamine

***Supplemental label elements*** : Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. FOR INDUSTRIAL USE ONLY

**Special packaging requirements**

Not applicable.

### *2.3 Other hazards*

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

***Other hazards which do not result in classification*** : None known.

## SECTION 3: Composition/information on ingredients

### *3.2 Mixture* :

| Product/ingredient name | Identifiers | % | Classification | Specific Conc. Limits, M-factors and ATEs | Type |
|---|---|---|---|---|---|
| 1,3,5-Triazine-2,4,6-triamine | REACH #: 01-2119485947-16<br>EC: 203-615-4<br>CAS: 108-78-1<br>Index: 613-345-00-2 | ≥10 - ≤25 | Carc. 2, H351<br>Repr. 2, H361<br>STOT RE 2, H373 (urinary tract) | - | [1] [2] |
| Chloropropanol Phosphate | EC: 237-158-7<br>CAS: 13674-84-5 | ≤3 | Acute Tox. 4, H302<br><br>**See Section 16 for the full text of the H statements declared above.** | ATE [Oral] = 1500 mg/kg | [1] |

## SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard
[2] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### *4.1 Description of first aid measures*

***General*** : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

***Eye contact*** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

***Inhalation*** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

***Skin contact*** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

***Ingestion*** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

***Protection of first-aiders*** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

There are no data available on the mixture itself.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]. If splashed in the eyes, the liquid may cause irritation and reversible damage.
This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

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

***Notes to physician*** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

***Specific treatments*** : No specific treatment.

See toxicological information (Section 11)

## SECTION 5: Firefighting measures

### *5.1 Extinguishing media*

***Suitable extinguishing media*** : Recommended: alcohol-resistant foam, $CO_2$, powders, water spray or mist.

***Unsuitable extinguishing media*** : Do not use water jet.

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

***Hazards from the substance or mixture*** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

## SECTION 5: Firefighting measures

***Hazardous combustion products*** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

***5.3 Advice for firefighters***

***Special protective actions for fire-fighters*** : Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

***Special protective equipment for fire-fighters*** : Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## SECTION 6: Accidental release measures

***6.1 Personal precautions, protective equipment and emergency procedures***

***For non-emergency personnel*** : Avoid breathing vapor or mist. Refer to protective measures listed in sections 7 and 8.

Keep unnecessary and unprotected personnel from entering.

***For emergency responders*** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

***6.2 Environmental precautions*** : Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

***6.3 Methods and materials for containment and cleaning up*** : Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.

***6.4 Reference to other sections*** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

***7.1 Precautions for safe handling*** : Avoid contact with skin and eyes. Avoid inhalation of vapor, spray or mist.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
Put on appropriate personal protective equipment (see Section 8).
Never use pressure to empty. Container is not a pressure vessel.
Always keep in containers made from the same material as the original one.
Comply with the health and safety at work laws.
Do not allow to enter drains or watercourses.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapors in all cases. In such circumstances, they should wear a compressed-air-fed respirator during the spraying process and until the particulate and solvent vapor concentrations have fallen below the exposure limits.

## SECTION 7: Handling and storage

***7.2 Conditions for safe storage, including any incompatibilities*** : Store in accordance with local regulations.

**Notes on joint storage**

Keep away from: oxidizing agents, strong alkalis, strong acids.

**Additional information on storage conditions**

Store in a dry, cool and well-ventilated area. Keep container tightly closed.
No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Contaminated absorbent material may pose the same hazard as the spilled product.

Store above 5°C (42°F) Protect from frost.

***7.3 Specific end use(s)***

***Recommendations*** : Not available.

***Industrial sector specific solutions*** : Not available.

Good housekeeping standards, regular safe removal of waste materials and regular maintenance of spray booth filters will minimise the risks of spontaneous combustion and other fire hazards.

***Before use of this material please refer to the Exposure Scenario(s) if attached for the specific end use, control measures and additional PPE considerations.***

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

***8.1 Control parameters***

**Occupational exposure limits**

No exposure limit value known.

**Biological exposure indices**

No exposure indices known.

**Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

: Regular monitoring of all work areas should be carried out at all times, including areas that may not be equally ventilated.

**DNELs/DMELs**

| Product/ingredient name | Type | Exposure | Value | Population | Effects |
|---|---|---|---|---|---|
| 1,3,5-Triazine-2,4,6-triamine | DNEL | Long term Inhalation | 8.9 mg/m³ | Workers | Systemic |
| | DNEL | Long term Dermal | 12.6 mg/kg bw/day | Workers | Systemic |
| | DNEL | Short term Inhalation | 11 mg/m³ | Workers | Systemic |
| | DNEL | Short term Dermal | 126 mg/kg bw/day | Workers | Systemic |
| | DNEL | Long term Inhalation | 2.2 mg/m³ | General population | Systemic |
| | DNEL | Long term Dermal | 6.3 mg/kg bw/day | General population | Systemic |

## SECTION 8: Exposure controls/personal protection

| | | | | | |
|---|---|---|---|---|---|
| | DNEL | Long term Oral | 0.63 mg/m³ | General population | Systemic |

**PNECs**

No PNECs available.

### *8.2 Exposure controls*

***Appropriate engineering controls*** : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.

: Users are advised to consider national Occupational Exposure Limits or other equivalent values.

**Individual protection measures**

***Hygiene measures*** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

***Eye/face protection*** : Use safety eyewear designed to protect against splash of liquids.

**Skin protection**

***Hand protection*** : Wear suitable gloves tested to EN374.

***Gloves*** : Gloves for short term exposure/long term exposure (breakthrough time >480 min):
Nitrile gloves >0.12 mm
Gloves for splash protection need to be changed immediately when in contact with chemicals.

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.
The breakthrough time must be greater than the end use time of the product.
The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.
Gloves should be replaced regularly and if there is any sign of damage to the glove material.
Always ensure that gloves are free from defects and that they are stored and used correctly.
The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.
Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

***Body protection*** : Personnel should wear protective clothing.

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

***Other skin protection*** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

***Respiratory protection*** : Application methods:
Brush or roller. Approved/certified respirator with organic vapor cartridge. Filter type: A2 P2 (EN14387).
Manual spraying. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

***Environmental exposure controls*** : Do not allow to enter drains or watercourses.

## SECTION 8: Exposure controls/personal protection

***Before use of this material please refer to the Exposure Scenario(s) if attached for the specific end use, control measures and additional PPE considerations. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.***

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

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

**Appearance**

***Physical state*** : Liquid.

***Color*** : White.

***Odor*** : Paint

***Odor threshold*** : Not Available (Not Tested).

***pH*** : 8.1

***Melting point/freezing point*** : Not relevant/applicable due to nature of the product.

***Initial boiling point and boiling range*** : 100°C

***Flash point*** : Closed cup: 499°C [Pensky-Martens Closed Cup]

***Evaporation rate*** : 0.09 (butyl acetate = 1)

***Flammability*** : Not relevant/applicable due to nature of the product.

***Lower and upper explosion limit*** : LEL: 0.6% (Trimethylpentanediol Isobutyrate)
UEL: 12.5% (Propylene Glycol)

***Vapor pressure*** : 2.3 kPa (17.5 mm Hg)

***Relative vapor density*** : 1 [Air = 1]

***Relative density*** : 1.35

***Solubility(ies)*** :

| Media | Result |
|---|---|
| cold water | Partially soluble |

***Partition coefficient: n-octanol/water*** : Not relevant/applicable due to nature of the product.

***Auto-ignition temperature*** :

| Ingredient name | °C | °F | Method |
|---|---|---|---|
| Trimethylpentanediol Isobutyrate | 392 | 737.6 | |
| Propylene Glycol | 400 | 752 | |

***Decomposition temperature*** : Not relevant/applicable due to nature of the product.

***Viscosity*** : Kinematic (40°C): >20.5 $mm^2/s$

***Explosive properties*** : Under normal conditions of storage and use, hazardous reactions will not occur.

***Oxidizing properties*** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Particle characteristics**

**Median particle size** : Not relevant/applicable due to nature of the product.

### *9.2 Other information*

***Heat of combustion*** : 0.943 kJ/g

## SECTION 10: Stability and reactivity

***10.1 Reactivity*** : No specific test data related to reactivity available for this product or its ingredients.

***10.2 Chemical stability*** : Stable under recommended storage and handling conditions (see Section 7).

***10.3 Possibility of hazardous reactions*** : Under normal conditions of storage and use, hazardous reactions will not occur.

***10.4 Conditions to avoid*** : When exposed to high temperatures may produce hazardous decomposition products.

***10.5 Incompatible materials*** : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

***10.6 Hazardous decomposition products*** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

***Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.***

## SECTION 11: Toxicological information

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

There are no data available on the mixture itself.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]. If splashed in the eyes, the liquid may cause irritation and reversible damage.
This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

**Acute toxicity**

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|---|---|---|---|
| 1,3,5-Triazine-2,4,6-triamine | LD50 Oral | Rat | 3161 mg/kg | - |
| Chloropropanol Phosphate | LD50 Oral | Rat | 1500 mg/kg | - |

**Acute toxicity estimates**

| Route | ATE value |
|---|---|
| Oral | 51932.11 mg/kg |

**Irritation/Corrosion**

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|---|---|---|---|---|
| 1,3,5-Triazine-2,4,6-triamine | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |

***Conclusion/Summary*** : Not available.

**Sensitization**

No data available

***Conclusion/Summary*** : Not available.

**Mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

## SECTION 11: Toxicological information

No data available

**Teratogenicity**

No data available

**Specific target organ toxicity (single exposure)**

No data available

**Specific target organ toxicity (repeated exposure)**

| Product/ingredient name | Category | Route of exposure | Target organs |
|---|---|---|---|
| 1,3,5-Triazine-2,4,6-triamine | Category 2 | - | urinary tract |

**Aspiration hazard**

No data available

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

Not available.

#### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

### *12.1 Toxicity*

There are no data available on the mixture itself.
Do not allow to enter drains or watercourses.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

### *12.2 Persistence and degradability*

| Product/ingredient name | Test | Result | Dose | Inoculum |
|---|---|---|---|---|
| No data available | | | | |

***Conclusion/Summary*** : Not available.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|---|---|---|---|
| No data available | | | |

### *12.3 Bioaccumulative potential*

| Product/ingredient name | $LogP_{ow}$ | BCF | Potential |
|---|---|---|---|
| 1,3,5-Triazine-2,4,6-triamine | - | <3.8 | Low |
| Chloropropanol Phosphate | - | 0.8 to 2.8 | Low |

### *12.4 Mobility in soil*

***Soil/water partition coefficient ($K_{OC}$)*** : Not available.

***Mobility*** : Not available.

### *12.5 Results of PBT and vPvB assessment*

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## SECTION 12: Ecological information

### 12.6 Endocrine disrupting properties

Not available.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### *13.1 Waste treatment methods*

**Product**

***Methods of disposal*** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

***Hazardous waste*** : Yes.

***European waste catalogue (EWC)*** :

***Disposal considerations*** : Do not allow to enter drains or watercourses.
Dispose of according to all federal, state and local applicable regulations.
If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.
For further information, contact your local waste authority.

**Packaging**

***Methods of disposal*** : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

***Disposal considerations*** : Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.

***European waste catalogue (EWC)*** : packaging containing residues of or contaminated by hazardous substances 15 01 10*

***Special precautions*** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

| | ADR/RID | IMDG | IATA |
|---|---|---|---|
| **14.1 UN number or ID number** | Not regulated. | Not regulated. | Not regulated. |
| **14.2 UN proper shipping name** | - | - | - |
| **14.3 Transport Hazard Class(es)/ Label(s)** | - | - | - |
| | | | |

## SECTION 14: Transport information

| | | | |
|---|---|---|---|
| **14.4 Packing group** | - | - | - |
| **14.5 Environmental hazards** | No. | No. | No. |
| **Additional information** | - | - | - |

***This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).***

***14.6 Special precautions for user*** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in bulk according to IMO instruments** : Not applicable.

***Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.***

## SECTION 15: Regulatory information

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

**EU Regulation (EC) No. 1907/2006 (REACH)**

**Annex XIV - List of substances subject to authorization**

**Annex XIV**

None of the components are listed.

**Substances of very high concern**

| Ingredient name | Intrinsic property | Status | Reference number | Date of revision |
|---|---|---|---|---|
| 1,3,5-Triazine-2,4,6-triamine | Substance of equivalent concern for human health | Candidate | D(2022) 9120-DC | 1/17/2023 |
| 1,3,5-Triazine-2,4,6-triamine | Substance of equivalent concern for environment | Candidate | D(2022) 9120-DC | 1/17/2023 |

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

| Product/ingredient name | % | Designation [Usage] |
|---|---|---|
| Phoenix 370-60 | ≥90 | 3 |

**Labeling** : Not applicable.

**Other EU regulations**

***VOC content (2010/75/EU)*** : 1.2 **w/w**
17 **g/l**

**Explosive precursors** : Not applicable.

***Seveso Directive***

## SECTION 15: Regulatory information

This product is not controlled under the Seveso Directive.

**National regulations**

***15.2 Chemical Safety Assessment*** : No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

Indicates information that has changed from previously issued version.

***Abbreviations and acronyms*** : ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative
N/A = Not available

***Key literature references and sources for data*** : Regulation (EC) No. 1272/2008 [CLP]
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878
Directive 2012/18/EU, and relative amendments & additions
Directive 2008/98/EC, and relative amendments & additions
Directive 2009/161/EU, and relative amendments & additions
CEPE Guidelines

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

| Classification | Justification |
|---|---|
| Carc. 2, H351 | Calculation method |
| Repr. 2, H361 | Calculation method |
| STOT RE 2, H373 | Calculation method |

***Full text of abbreviated H statements*** :

| | |
|---|---|
| H302 | Harmful if swallowed. |
| H351 | Suspected of causing cancer. |
| H361 | Suspected of damaging fertility or the unborn child. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

***Full text of classifications [CLP/GHS]*** :

| | |
|---|---|
| Acute Tox. 4 | ACUTE TOXICITY - Category 4 |
| Carc. 2 | CARCINOGENICITY - Category 2 |
| Repr. 2 | TOXIC TO REPRODUCTION - Category 2 |
| STOT RE 2 | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 |

***Date of printing*** : 23, Sep, 2023.

***Date of issue/ Date of revision*** : 23, Sep, 2023

***Date of previous issue*** : 16, Jun, 2023

: If there is no previous validation date please contact your supplier for more information.

***Version*** : 8

## SECTION 16: Other information

**Notice to reader**

***In accordance with Regulation (EC) 1907/2006, REACH Regulation, Articles 31, 37, any required hazard-related information on the use of substances received as downstream user will be sent forward. Consequently, the safety data sheets for some products will contain a SUMI - Safe Use of Mixture Information - attached to the safety data sheet.***

***SUMI(s) will be added to the SDS for products if both the following conditions are met:***

***• The product is classified as hazardous for health***
***• The product contains one or more REACH-registered substances for which extended safety data sheets (exposure scenarios) have been provided***

***It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.***