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See Section 8 for personal protective equipment.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Instructions for use: safe	Ensure sufficient air exchange and/or exhaust in workplaces. Avoid inhalation, ingestion and contact with skin and eyes.
	Wear protective clothing.
Advice on protection against fire and : explosions	Keep away from open flames, hot surfaces and sources of ignition.
Hygiene measures	: Do not breathe dust or spray. Provide adequate ventilation. Wash hands and face before breaks and immediately after handling the product.

**7.2 Conditions for safe storage, including any incompatibilities**

Warehouse and container requirements: containers	Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. To preserve the quality of the product, do not store near a heat source and do not expose to direct light.
Directions for the storage together with other products	: Keep the product and empty containers away from heat and ignition sources. Keep away from food and drink.
Learn more about storage stability	: Stable under normal environmental conditions of temperature and pressure.

**7.3 Particular End Uses**

Particular uses	: Consult the technical instructions for use of this substance/mixture.
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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Does not contain substances with occupational exposure limit values.  
Does not contain substances with occupational exposure limit values.

**8.2 Exposure controls****Appropriate engineering controls**

Effective exhaust ventilation system effective ventilation in all process areas

**Individual protection**

Eye protection : Do not wear contact lenses.

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Safety goggles with side protection in compliance with EN166 standard  
Make sure that eyewash stations and emergency showers are close to the workstation.

Hand protection Material	: Protective gloves according to EN 374.
Skin and body protection	: Protection suit
Respiratory protection	: Respiratory system only in case of aerosol or dust formation. Use respiratory protection, unless adequate local exhaust ventilation is provided or exposure assessment demonstrates exposure meets recommended guidelines.
	Suitable respiratory equipment: Mouth-nose mask equipped with P2 microporous filter (European Standard 143)
Protection arrangements	: Avoid contact with skin. Wear suitable protective clothing.

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**SECTION 9: physical and chemical properties****9.1 Information on basic physical and chemical properties**

physical state	: dust
Color	: white
Odor	: odorless
Olfactory threshold	: not determined
Melting point/range	: 300 - 600°C
Boiling point/range	: Not applicable
Upper explosion limit : Not applicable / Upper limit of flammability	
Lower explosion limit / : Not applicable Lower limit of flammability	
Flash point	: it doesn't ignite
Ignition temperature	: Not applicable

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Temperature of self-ignition : Not applicable

Temperature of decomposition : No data available

pH : not determined

Viscosity  
Viscosity, kinematics : not determinedSolubility/solubilities.  
Water solubility : not determined

Solubility in other solvents : not determined

Partition coefficient: n- : No data available octanol/water

Vapor pressure : Not applicable

Density : 2.42 g/cm<sup>3</sup>

Apparent density : not determined

Relative vapor density : not determined

Particle characteristics  
particle size : not determined

Particle size : not determined

**9.2 Other Information**

Explosives : Not applicable

Oxidizing properties : Not applicable

Self-ignition : Not applicable

Evaporation rate : not determined

Surface tension : not determined

Sublimation point : not determined

**SECTION 10: stability and reactivity****10.1 Reactivity**

Stable under recommended storage conditions.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

dangerous reactions : No dangerous reactions known under normal conditions of use.

**10.4 Conditions to avoid**

Conditions to avoid : No decomposition if used according to the specific instructions.

**10.5 Incompatible materials**

Materials to avoid : No data available

**10.6 Hazardous decomposition products**

Stable under normal conditions.

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**SECTION 11: toxicological information****11.1 Information on the hazard classes defined in Regulation (EC) No. 1272/2008****Acute toxicity****Product:**

Acute oral toxicity : Remarks: No data available

Acute toxicity for inhalation : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Acute toxicity (by other routes of administration) : Remarks: No data available

**Skin corrosion/irritation****Product:**

Remarks : No data available

**Serious eye damage/irritation****Product:**

Remarks : No data available

**Respiratory or skin sensitisation****Product:**

Remarks : No data available

**Carcinogenicity****Product:**





Remarks : No data available

**Reproductive toxicity****Product:**

Effects on fertility : Remarks: No data available

Effects on fetal development : Remarks: No data available

**Specific target organ toxicity (STOT) - single exposure****Product:**

Remarks : No data available

**Specific target organ toxicity (STOT) - repeated exposure****Product:**

Remarks : No data available

**Repeated dose toxicity****Product:**

Remarks : No data available

**11.2 Information on other hazards****Endocrine disrupting properties****Product:**

Assessment : The substance/mixture contains no considered components having endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Further information****Product:**Remarks : No data available

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**SECTION 12: ecological information****12.1 Toxicity****Product:**

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

**12.2 Persistence and degradability****Product:**

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Biodegradability : Remarks: No data available

Physico-chemical elimination : Remarks: No data available

**12.3 Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available

**12.4 Mobility in soil** No data available**12.5 Results of PBT and vPvB assessment****Product:**

Assessment : This substance/mixture contains no components considered either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.

**12.6 Endocrine-disrupting properties****Product:**

Assessment : The substance/mixture contains no considered components having endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects****Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Product : In accordance with local and national regulations. Dangerous container when empty. Do not dispose of as household waste. Do not mix waste from different sources during collection.

Contaminated containers : Empty containers must be entrusted to authorized local firms for recycling and disposal.



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**SECTION 14: transport information****14.1 UN number or ID number**

Not regulated as dangerous goods

**14.2 UN proper shipping name**

Not regulated as dangerous goods

**14.3 Transport hazard classes** Not regulated  
as dangerous goods**14.4 Packing group**

<b>ADR/RID/ADN</b>	:	Not regulated as dangerous goods
<b>IMDG extension</b>	:	Not regulated as a dangerous good IMDG
Remarks	:	Code segregation group - none
<b>IATA (Cargo)</b>	:	Not regulated as dangerous goods. Not
<b>IATA (Passenger)</b>	:	regulated as dangerous goods

**14.5 Environmental hazards**

Not regulated as dangerous goods

**14.6 Special precautions for users**

Remarks : The transport of dangerous goods, including loading and unloading, must be carried out by persons who have received the necessary training required by the modal regulations.

**14.7 Shipping in bulk in accordance with IMO acts**

Not applicable to the product in its supplied form.

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental laws and regulations specific to the substance or mixture**

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).	:	Not applicable
Regulation (EC) no. 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Not applicable
Regulation (EC) no. 649/2012 of the European Parliament and of the Council on the export and import of dangerous chemicals	:	Not applicable

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authorization (Annex XIV)

: Not applicable

REGULATION (EU) 2019/1148 on the placing on the  
market and use of explosives precursors

: Not applicable

International Chemical Weapons Convention (CWC), : Not applicable list of  
chemical precursors and toxic productsRegulation (EC) no. 111/2005 of the Council containing  
rules for the control of trade in drug precursors between  
the Community and third countries

: Not applicable

Seveso III: Directive 2012/18/EU of the  
European Parliament and of the Council  
on the control of major-accident hazards  
involving dangerous substances.

Not applicable

Other legislations

: Referring to the product composition, we intentionally do not  
add any of the substances listed in the European Directive  
2011/65/EU (RoHS 2, RoHS3 and China RoHS).Consequently, the product is in line with these directives.  
We do not intentionally add conflict minerals to the  
product.**15.2 Chemical safety assessment** Not  
applicable**SECTION 16: other information****Full text of other abbreviations**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the international carriage of dangerous goods by road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for Testing of Materials; bw - Body weight; CLP - Classification, Labeling and Packaging Regulation; Regulation (EC) No. 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardization; DSL - Domestic List of Substances (Canada); ECHA - European Chemicals Agency; EC-Number - European Community Number; ECx - Concentration associated with x% response; ELx - Load rate associated with x% response; EmS - Emergency Program; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half the concentration

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ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemicals China; IMDG - International Maritime Transport of Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Inventory of Existing Chemicals; LC50 - 50% lethal concentration for a test population; LD50 - 50% lethal dose for a test population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships; our - not otherwise specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observed Effect Load Rate; NZIoC - New Zealand Chemicals Inventory; OECD - Organization for Economic Co-operation and Development; OPPTS - Bureau of Chemical Safety and Pollution Prevention; PBT - Persistent, bioaccumulative and toxic substance; PICCS - Chemical Substances Inventory of the Philippines; (Q)SAR - (Quantitative) Structure Activity Relationships; REACH - Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, the authorization and restriction of chemicals; RID - Regulations concerning the international rail transport of dangerous goods; SADT - Self-accelerating decomposition temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemical Substances Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very persistent and very bioaccumulative TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very persistent and very bioaccumulative TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very persistent and very bioaccumulative

**Further information**

Directions : Provision of information, instructions to operators  
on training and training.

The information contained in this Safety Data Sheet is correct according to our best knowledge of the product at the time of publication. This information is provided for the sole purpose of allowing the use, storage, transport and disposal of the product in the most correct and safest way. This information should not be considered a guarantee or specification of product quality.

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