(in accordance with Regulation (EU) 2020/878)

### **CLOR SHOCK GRANULE**



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# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

#### 1.1 Product identifier.

Product Name: CLOR SHOCK GRANULE
Chemical Name: troclosene sodium, dihydrate

Index No: 613-030-01-7 CAS No: 51580-86-0 EC No: 220-767-7

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

Desinfectant for pool water.

#### **Uses advised against:**

Uses other than those recommended.

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

Company's identification:

Company: distribuitor: FLUIDRA ROMANIA

Address: str. Nicolae Pascu 61-63, sect.3
City: Bucuresti, ROMANIA
Province: www.fluidraromania.ro

Province: www.fluidraromania Telephone: Tel 021.348.14.43 Fax: +34 93 713 41 11 E-mail: fds@inquide.com

#### Responsible for market placement:

Company: Produs de catre: INQUIDE S.A.U

Address: Passeig Sanllehy, 25
City: 08213 POLINYA (Barcelona)
Province: www.fluidraindustry.com
Telephone: Spain Tel.: 00 3493 713 13 55

### 1.4 Emergency telephone number: (Only available during office hours; Monday-Friday; 08:00-18:00)

Anti poisoning centre:

ITALY (Rome): 06/305 43 43 ITALY (Milan): 02/66 10 10 29 SPAIN: +34 91 562 04 20

FRANCE (Paris): 01 40 05 48 48 FRANCE (Tolousse): 05 61 77 74 47 FRANCE (Marseille): 04 91 75 25 25

PORTUGAL: 808 250 143

BELGIQUE (Brussel): (+32) 070 245 245

Sweden: 112 - Begär Giftinformation (ask for Poisons Information)

Denmark (Giftlinjen): +45 8212 1212

Finland: 0800 147 111 Norway: +47 22 59 13 00

CAV accreditati: Roma +39 06 68 59 3726; Foggia +39 800 18 34 59; Napoli +39 081 54 53 333; Roma +39 06 49 97 80 00; Roma +39 06 30 54 343; Firenze +39 055 79 47 819; Pavia +39 0382 24 444; Milano +39 02 66 10 10 29; Bergamo +39 800 88

33 00; Verona +39 800 01 18 58.

#### **SECTION 2: HAZARDS IDENTIFICATION.**

### 2.1 Classification of the substance or mixture.

In accordance with Regulation (EU) No 1272/2008:

Acute Tox. 4 : Harmful if swallowed. Aquatic Acute 1 : Very toxic to aquatic life.

Aquatic Chronic 1: Very toxic to aquatic life with long lasting effects.

Eye Irrit. 2: Causes serious eye irritation.

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STOT SE 3: May cause respiratory irritation.

#### 2.2 Label elements.

#### Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:





### Signal Word:

### Warning

### Hazard statements:

H302 Harmful if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

H319 Causes serious eye irritation. H335 May cause respiratory irritation.

#### Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P261 Avoid breathing dust.

P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. P391 Collect spillage.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with applicable regulations.

**EUH statements:** 

EUH031 Contact with acids liberates toxic gas.

Contains:

troclosene sodium, dihydrate

Active substances:

troclosene sodium, dihydrate, 25 - 100%;

### 2.3 Other hazards.

The substance is not PBT The substance is not vPvB

Substance does not have endocrine disrupting properties.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.**

#### 3.1 Substances.

| Identi | iers | Name | Concentrate | (*)Classification - Regulation (EC)<br>No 1272/2008 |
|--------|------|------|-------------|-----------------------------------------------------|
|--------|------|------|-------------|-----------------------------------------------------|

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|                                                                      |                              |            | Classification                                                                                                                     | Specifics<br>concentration<br>limits and Acute<br>toxicity estimate |
|----------------------------------------------------------------------|------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Index No: 613-030-<br>01-7<br>CAS No: 51580-86-0<br>EC No: 220-767-7 | troclosene sodium, dihydrate | 25 - 100 % | Acute Tox. 4 *,<br>H302 - Aquatic<br>Acute 1, H400 -<br>Aquatic Chronic<br>1, H410 - Eye<br>Irrit. 2, H319 -<br>STOT SE 3,<br>H335 | -                                                                   |

<sup>\*</sup> See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

#### 3.2 Mixtures.

Not Applicable.

### **SECTION 4: FIRST AID MEASURES.**

#### 4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

#### Eye contact

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Dont let the person to rub the affected eye.

#### Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate.

Harmful Product, prolonged exposure due to inhalation may cause anaesthetic effects and the need for immediate medical assistance.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract.

### **SECTION 5: FIREFIGHTING MEASURES.**

The product is NOT classified as flammable, in case of fire the following measures should be taken:

#### 5.1 Extinguishing media.

#### Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

### Unsuitable extinguishing media:

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Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

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

#### Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

#### 5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment.

#### Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES.**

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

For exposure control and individual protection measures, see section 8.

#### 6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

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

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

#### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

### **SECTION 7: HANDLING AND STORAGE.**

### 7.1 Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

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

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

Classification and threshold amount of storage in accordance with Annex I to Directive 2012/18/EU (SEVESO III):

|      |                                                                 | Qualifying quantity (tonnes) for<br>the application of |                         |
|------|-----------------------------------------------------------------|--------------------------------------------------------|-------------------------|
| Code | Description                                                     | Lower-tier requirements                                | Upper-tier requirements |
| E1   | ENVIRONMENTAL HAZARDS - Hazardous to the Aquatic Environment in | 100                                                    | 200                     |

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| Category Acute 1 or Chronic 1 |  |
|-------------------------------|--|

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

None in particular.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.**

#### 8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values. Concentration levels DNEL/DMEL:

| Name                         | DNEL/DMEL | Туре                                  | Value   |
|------------------------------|-----------|---------------------------------------|---------|
| troclosene sodium, dihydrate | DNEL      | Inhalation, Chronic, Systemic effects | 8,11    |
| CAS No: 51580-86-0           | (Workers) |                                       | (mg/m³) |
| FC No: 220-767-7             |           |                                       |         |

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

CAS: 51580-86-0

TLV TWA - 0.5 ppm (1.5 mg/m3) Cl gas TLV STEL - 1 ppm (3.0 mg/m3) Cl gas

### 8.2 Exposure controls.

### **Measures of a technical nature:**

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

| Concentration:      | 100 %                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Uses:               | Desinfectant for pool water.                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
| Breathing protect   | Breathing protection:                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |
| PPE:                | Particle filter mask                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |
| Characteristics:    | «CE» marking, category III. Made of filtering material, it covers nose, mouth and chin.                                                                                                                                                                                                                |  |  |  |  |  |  |
| CEN standards:      | EN 149                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |
| Maintenance:        | Check for any tears, defects, etc. before use. Since it is disposable individual protection equipment, it should be replaced after use.                                                                                                                                                                |  |  |  |  |  |  |
| Observations:       | Does not protect worker unless properly adjusted. Follow the manufacturer's instructions regarding suitable use of the equipment.                                                                                                                                                                      |  |  |  |  |  |  |
| Filter Type needed: | P2                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |
| Hand protection:    |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |
| PPE:                | Non-disposable protective gloves against chemicals.                                                                                                                                                                                                                                                    |  |  |  |  |  |  |
| Characteristics:    | «CE» marking, category III. Check the list of chemicals for which the glove has been tested.                                                                                                                                                                                                           |  |  |  |  |  |  |
| CEN standards:      | EN 374-1, En 374-2, EN 374-3, EN 420                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |
| Maintenance:        | A schedule for the periodical replacement of gloves should be established in order to guarantee their replacement before pollutants permeate them. The use of contaminated gloves could be more dangerous than not using gloves, since the pollutant can gradually accumulate in the glove's material. |  |  |  |  |  |  |
| Observations:       | They are to be replaced whenever tears, cracks or deformations are observed or when exterior dirt could reduce their strength.                                                                                                                                                                         |  |  |  |  |  |  |
| Material:           | PVC (polyvinyl chloride) Breakthrough time (min.): Material thickness (mm): 0,35                                                                                                                                                                                                                       |  |  |  |  |  |  |
| Eye protection:     |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |
| PPE:                | Protective goggles against particle impacts.                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
| Characteristics:    | «CE» marking, category II. Eye protector against dust and smoke.                                                                                                                                                                                                                                       |  |  |  |  |  |  |

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CEN standards: EN 165, EN 166, EN 167, EN 168

Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should Maintenance:

be disinfected periodically following the manufacturer's instructions.

Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, Observations:

scraping etc.

Skin protection:

PPE:

Chemical protective clothing

«CE» marking, category III. Clothing should fit properly. The level of protection Characteristics:

must be set according to a test parameter called BT (Breakthrough Time), which indicates how long it takes for the chemical to pass through the material.

EN 464,EN 340, EN 943-1, EN 943-2, EN ISO 6529, EN ISO 6530, EN 13034 CEN standards:

In order to guarantee uniform protection, follow the washing and maintenance instructions provided by Maintenance:

the manufacturer.

The protective clothing's design should facilitate correct positioning, staying in place without moving for Observations: the period of use expected, bearing in mind environmental factors as well as any movement or position

the user might adopt while carrying out the activity.

PPE: Anti-static safety footwear against chemicals.

«CE» marking, category III. Check the list of chemicals against which the footwear Characteristics:

is resistant.

EN ISO 13287, EN 13832-1, EN 13832-2, EN 13832-3, EN ISO 20344, EN ISO CEN standards:

20345

For correct maintenance of this kind of safety footwear, it is necessary to observe the instructions Maintenance:

specified by the manufacturer. The footwear should be replaced as soon as any sign of damage is

The footwear should be cleaned regularly and dried when damp, although it should not be placed too Observations:

close to a source of heat in order to avoid any sharp changes in temperature.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.**

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

Physical state: Solid Colour: White

Odour: Similar to bleach

Odour threshold: Not applicable/Not available due to the nature/properties of the product

Melting point: 250 °C

Freezing point: Not applicable/Not available due to the nature/properties of the product

Boiling point or initial boiling point and boiling range: Not applicable/Not available due to the nature/properties of the product

Flammability: Not applicable/Not available due to the nature/properties of the product

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product Upper explosion limit: Not applicable/Not available due to the nature/properties of the product

Flash point: Not applicable/Not available due to the nature/properties of the product

Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product

Decomposition temperature: t °C

pH: 6 - 7 (25 °C) (1%) Solubility: 28g / 100ml

Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product

Hydrosolubility: Not applicable/Not available due to the nature/properties of the product

Liposolubility: Not applicable/Not available due to the nature/properties of the product Partition coefficient n-octanol/water (log value): - 0.0556

Vapour pressure: Not applicable/Not available due to the nature/properties of the product Absolute density: Not applicable/Not available due to the nature/properties of the product

Relative density: 0.91 (25 °C)

Relative vapour density: Not applicable/Not available due to the nature/properties of the product Particle characteristics: Not applicable/Not available due to the nature/properties of the product

### 9.2 Other information

Viscosity: Not applicable/Not available due to the nature/properties of the product

Explosive properties: Not applicable/Not available due to the nature/properties of the product

Oxidizing properties: No

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Dropping point: Not applicable/Not available due to the nature/properties of the product Blink: Not applicable/Not available due to the nature/properties of the product

#### **SECTION 10: STABILITY AND REACTIVITY.**

#### 10.1 Reactivity.

Contact with acids liberates toxic gas.

#### 10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

#### 10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions. Hydrogen peroxide reacts violently, but releases O2 (oxygen). When it reacts with alcohols, in particular, with lauric alcohol, it remains latent for a few minutes, and will then react violently, producing flames and black smoke.

#### 10.4 Conditions to avoid.

Avoid any improper handling.

#### 10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions. Metals, acetic acid and anhydre, alcohols (methyl, ethyl, isopropyl...), non-satured aliphatic and aromatic compounds, amides, amines, ammoniac and ammonium salts (polyquats or quaternary ammonium salts), biuret, calcium hypochlorite, dimetylhydrazine, esters, fungicides, glycerine, oils and fats, paint, peroxides (of hydrogen, sodium, calcium, magnesium...), phenols, solvents (toluenes, xylenes, turpentine...), surfactants and surface tension agents, reducing agents (sulphites, bisulphites, tiosulphates and nitrates).

### 10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

When wet, it gives off Cl2 (gaseous chlorine) and NCl3 (trichloramine).

In the presence of ammonia gas or ammoniacal solutions, dangerous quantities of NCl3, a highly explosive gas, are generated.

Adding oils and grease will cause the product to break down, generating CI2 and CO2.

When it reacts with ethers, cyanuric acid and chlorinated ethers are generated.

### **SECTION 11: TOXICOLOGICAL INFORMATION.**

IRRITANT MIXTURE. Splashes in the eyes can cause irritation.

IRRITANT MIXTURE. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.

### 11.1 Information on hazard classes as defined in Regulation (EC) $N^{o}$ 1272/2008.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

### Toxicological information.

| Name                                | Acute toxicity |                  |        |                  |
|-------------------------------------|----------------|------------------|--------|------------------|
| Name                                | Туре           | Test             | Kind   | Value            |
|                                     |                | LD50             | Rat    | 1671 mg/kg [1]   |
|                                     | Oral           |                  |        |                  |
|                                     |                | [1] EPA OPP 81-1 |        |                  |
| troclosene sodium, dihydrate        |                | LD50             | Rat    | > 5000 mg/kg [1] |
|                                     | Dermal         |                  |        |                  |
|                                     |                | [1] EPA OP       | P 81-2 |                  |
| CAS No: 51580-86-0 EC No: 220-767-7 | Inhalation     |                  |        |                  |

a) acute toxicity;

Product classified:

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Acute toxicity (Oral), Category 4: Harmful if swallowed.

b) skin corrosion/irritation;

Not conclusive data for classification.

c) serious eye damage/irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

d) respiratory or skin sensitisation;

Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Product classified:

Specific target organ toxicity following a single exposure, Category 3: May cause respiratory irritation.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

### 11.2 Information on other hazards.

### **Endocrine disrupting properties**

This product does not contain components with endocrine-disrupting properties with effects on human health.

### Other information

There is no information available on other adverse health effects.

#### **SECTION 12: ECOLOGICAL INFORMATION.**

### 12.1 Toxicity.

| Name                                | Ecotoxicity           |      |         |            |
|-------------------------------------|-----------------------|------|---------|------------|
| Name                                | Туре                  | Test | Kind    | Value      |
|                                     | Fish                  |      |         |            |
| troclosene sodium, dihydrate        | Aquatic invertebrates | EC50 | Daphnia | 0.196 mg/l |
| CAS No: 51580-86-0 EC No: 220-767-7 | Aquatic plants        |      |         |            |

### 12.2 Persistence and degradability.

No information is available regarding the biodegradability

No information is available on the degradability

No information is available about persistence and degradability of the product.

### 12.3 Bioaccumulative potential.

No information is available regarding the bioaccumulation.

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#### 12.4 Mobility in soil.

No information is available about the mobility in soil. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

### 12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

### 12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

#### 12.7 Other adverse effects.

No information is available about other adverse effects for the environment.

#### **SECTION 13: DISPOSAL CONSIDERATIONS.**

#### 13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

### **SECTION 14: TRANSPORT INFORMATION.**

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

**Land:** Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

<u>Sea</u>: Transport by ship: IMDG. Transport documentation: Bill of lading <u>Air</u>: Transport by plane: ICAO/IATA. Transport document: Airway bill.

### 14.1 UN number or ID number.

UN No: UN3077

### 14.2 UN proper shipping name.

Description:

ADR/RID: UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS TROCLOSENE SODIUM, DIHYDRATE), 9, PG III, (-)

IMDG: UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS TROCLOSENE SODIUM, DIHYDRATE), 9, PG III, MARINE POLLUTANT

ICAO/IATA: UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS TROCLOSENE SODIUM, DIHYDRATE), 9, PG III

#### 14.3 Transport hazard class(es).

Class(es): 9

### 14.4 Packing group.

Packing group: III

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#### 14.5 Environmental hazards.

Marine pollutant: Yes



Dangerous for the environment

Transport by ship, FEm - Emergency sheets (F - Fire, S - Spills): F-A,S-F

#### 14.6 Special precautions for user.

Labels: 9



Hazard number: 90 ADR LQ: 5 kg IMDG LQ: 5 kg ICAO LQ: 30 kg B

Provisions concerning carriage in bulk ADR:

VC1 Carriage in bulk in sheeted vehicles, sheeted containers or sheeted bulk containers is permitted.

VC2 Carriage in bulk in closed vehicles, closed containers or closed bulk containers is permitted.

Proceed in accordance with point 6.

### 14.7 Maritime transport in bulk according to IMO instruments.

The product is not transported in bulk.

### **SECTION 15: REGULATORY INFORMATION.**

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): E1

Information related to Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products:

| Product Type                                                                          | Group         |
|---------------------------------------------------------------------------------------|---------------|
| Disinfectants and algaecides not intended for direct application to humans or animals | Disinfectants |

| Active substances            | Concentration % |
|------------------------------|-----------------|
| troclosene sodium, dihydrate |                 |
| CAS No: 51580-86-0           | 25 - 100        |
| FC No: 220-767-7             |                 |

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Kind of pollutant to water (Germany): WGK 2: Hazardous to water. (Autoclassified according to the AwSV Regulations)

#### 15.2 Chemical safety assessment.

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No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

#### **SECTION 16: OTHER INFORMATION.**

Classification codes:

Acute Tox. 4: Acute toxicity (Oral), Category 4

Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1 Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1

Eye Irrit. 2: Eye irritation, Category 2

STOT SE 3: Specific target organ toxicity following a single exposure, Category 3

## Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards On basis of test data Health hazards Calculation method Environmental hazards Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AwSV: Facility Regulations for handling substances that are hazardous for the water.

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be

considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not

anticipated.

EC50: Half maximal effective concentration.
 PPE: Personal protection equipment.
 IATA: International Air Transport Association.
 ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

WGK: Water hazard classes.

Key literature references and sources for data:

http://eur-lex.europa.eu/homepage.html

http://echa.europa.eu/

Regulation (EU) 2020/878. Regulation (EC) No 1907/2006. Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.