

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2020/878 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 20.12.2021

Version number 2 (replaces version 1)

Revision: 20.12.2021

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

**1.1 Product identifier**

**Trade name: NOSOCID PAA - Activator**

**Registration number:** Not applicable-Mixture of substances

**UFI:** NGHS-S1Y6-M00S-AC6Y

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

No further relevant information available.

**Application of the substance / the mixture:**

High level instrument disinfectant Product Ready to use for medical devices.

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

**Manufacturer/Supplier:**

MEDALKAN

Michalakopoulou 102, P.C. 11528, Athens, Greece

Tel.. 2107484847, Fax. 210 7772009

e-mail: contact@medalkan.gr

website: www.medalkan.com

**1.4 Emergency telephone number:**



European Emergency Tel.: 112

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation EC No 1272/2008 CLP:**



GHS03 flame over circle

Ox. Liq. 2

H272 May intensify fire; oxidiser.



GHS05 corrosion

Skin Corr. 1A

H314 Causes severe skin burns and eye damage.

Eye Dam. 1

H318 Causes serious eye damage.



GHS09 environment

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.



GHS07

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Acute Tox. 4      H302 Harmful if swallowed.  
STOT SE 3      H335 May cause respiratory irritation.

**2.2 Label elements**

**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms:**



GHS03 GHS05 GHS07 GHS09

**Signal word:** Danger

**Hazard-determining components of labelling:**

hydrogen peroxide solution  
peracetic acid  
acetic acid

**Hazard statements:**

H272 May intensify fire; oxidiser.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P101      If medical advice is needed, have product container or label at hand.  
P102      Keep out of reach of children.  
P260      Do not breathe dust/fume/gas/mist/vapours/spray.  
P273      Avoid release to the environment.  
P280      Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
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.  
P310      Immediately call a POISON CENTER/doctor.  
P405      Store locked up.  
P501      Dispose of contents/container in accordance with local/regional/national/international regulations.

**Regulation (EC) No 648/2004 on detergents / Labelling for contents**

oxygen-based bleaching agents

≥15 - <30%

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**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Description:** Mixture: consisting of the following components.

**Ingredients according Regulation (EU) 2020/878:**

CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9 Reg.nr.: 01-2119485845-22-XXXX	hydrogen peroxide solution ⚠ Ox. Liq. 1, H271; ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332 Specific concentration limits: Ox. Liq. 1; H271: C ≥ 70 % Ox. Liq. 2; H272: 50 % ≤ C < 70 % Skin Corr. 1A; H314: C ≥ 70 % Skin Corr. 1B; H314: 50 % ≤ C < 70 % Skin Irrit. 2; H315: 35 % ≤ C < 50 % Eye Dam. 1; H318: C ≥ 8 % Eye Irrit. 2; H319: 5 % ≤ C < 8 % STOT SE 3; C ≥ 35 %	≥10-<25%
CAS: 64-19-7 EINECS: 200-580-7 Index number: 607-002-00-6 Reg.nr.: 01-2119475328-30-XXXX	acetic acid ⚠ Flam. Liq. 3, H226; ⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318 Specific concentration limits: Skin Corr. 1A; H314: C ≥ 90 % Skin Corr. 1B; H314: 25 % ≤ C < 90 % Skin Irrit. 2; H315: 10 % ≤ C < 25 % Eye Irrit. 2; H319: 10 % ≤ C < 25 %	≥10-<25%
CAS: 79-21-0 EINECS: 201-186-8 Index number: 607-094-00-8 Reg.nr.: 01-2119531330-56-XXXX	peracetic acid ⚠ Flam. Liq. 3, H226; Org. Perox. D, H242; ⚠ Skin Corr. 1A, H314; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335 Specific concentration limit: STOT SE 3; H335: C ≥ 1 %	≥10-<25%

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information:**

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

In all cases call a doctor.

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**After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Seek medical treatment in case of complaints.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Wash contaminated clothing before use.

Remove contaminated clothing.

If skin irritation continues, consult a doctor.

**After eye contact:**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses.

Continue to rinse for at least 10 minutes.

Get medical attention if irritation occurs.

Avoid strong water jet-risk of cornea damage, consult a doctor.

**After swallowing:**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Do not induce vomiting; call for medical help immediately.

Never give anything by mouth to an unconscious person.

Rinse mouth and lips with plenty of water if the subject is conscious, then hospitalize.

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

No further relevant information available.

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

No further relevant information available.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.

**For safety reasons unsuitable extinguishing agents:** None in particular.

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

No further relevant information available.

**5.3 Advice for firefighters**

**Protective equipment:**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures**

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

Wear protective equipment. Keep unprotected persons away.

Avoid formation of dust.

Avoid contact with spilled material.

Goggles and/ or face shield, if contact with eyes or splashes are anticipated.

Avoid contact with skin and eyes.

Wear protective clothing.

Ensure adequate ventilation.

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**6.1.1 For non-emergency personnel**

Ensure sufficient ventilation.

Use personal protective equipment.

Avoid contact with skin and eyes.

**6.1.2 For emergency responders**

Use safety goggles, in case of contact with the eyes.

Use chemicals resistant gloves.

**6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

**6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Open and handle receptacle with care.

Avoid splashes or spray in enclosed areas.

Store in cool, dry place in tightly closed receptacles.

Avoid contact with skin, eyes and clothing.

Ensure good ventilation.

Wash your hands thoroughly after handling.

**Information about fire - and explosion protection:** No special measures required.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Prevent any seepage into the ground.

**Information about storage in one common storage facility:** Store away from oxidising materials.

**Further information about storage conditions:**

Keep container tightly sealed.

Store under lock and key and with access restricted to technical experts or their assistants only.

**7.3 Specific end use(s)** No further relevant information available.

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**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

**CAS: 7722-84-1 hydrogen peroxide solution**

WEL (Great Britain)	Short-term value: 2.8 mg/m <sup>3</sup> , 2 ppm
	Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm

**CAS: 64-19-7 acetic acid**

WEL (Great Britain)	Short-term value: 50 mg/m <sup>3</sup> , 20 ppm
	Long-term value: 25 mg/m <sup>3</sup> , 10 ppm
IOELV (EU)	Short-term value: 50 mg/m <sup>3</sup> , 20 ppm
	Long-term value: 25 mg/m <sup>3</sup> , 10 ppm

**DNELs**

(CAS: 7722-84-1) hydrogen peroxide solution

Workers, Inhalation, Acute-local effects, 3 mg/m<sup>3</sup>

Workers, Inhalation, Long-term local effects, 1.4 mg/m<sup>3</sup>

Consumers, Inhalation, Acute-local effects, 1.93 mg/m<sup>3</sup>

Consumers Inhalation, Long-term local effects 0.21 mg/m<sup>3</sup>

(CAS: 64-19-7) acetic acid

Workers:

Long-term exposure - systemic effects, by inhalation: 25 mg/m<sup>3</sup>, 10 ppm

Consumers:

Long-term exposure - systemic effects, by inhalation: 25 mg/m<sup>3</sup>, 10 ppm

Long-term exposure - systemic effects, through the dermal: 72 mg/kg

Long-term exposure - systemic effects, oral: 7.2 mg/kg

(CAS: 79-21-0) Peracetic acid

Workers:

Inhalation - systemic & local chronic / acute effects: 0,6 mg/m<sup>3</sup>

Dermal - local acute effects: 0,12 %

Consumers:

Inhalation - systemic & local chronic / acute effects: 0,6 mg/m<sup>3</sup>

Dermal - local acute effects: 0,12 %

**PNECs**

(CAS: 7722-84-1) hydrogen peroxide solution

Fresh water 0.0126 mg / l

Marine water 0.0126 mg / l

Intermittent use / release 0.0138 mg / l

Freshwater sediment 0.047 mg / kg

Marine sediment 0.047 mg / kg

Soil 0.0023 mg / kg

Sewage treatment plant 4.66 mg / l

Acetic acid (CAS: 64-19-7)

Fresh water: 3.058 mg/l

Fresh water sediment: 11.36 mg/kg

Seawater: 0.3058 mg/l

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Seawater sediment: 1.136 mg/kg  
Intermittent releases: 30.58 mg/l  
STP: 85 mg/l  
Soil: 0.478 mg/kg  
(CAS: 79-21-0) Peracetic acid  
Fresh water: 0.000224 mg/l  
Sewage treatment plant: 0.051 mg/l  
Freshwater sediment: 0.00018 mg/kg  
Soil: 0.320 mg/kg

**Additional information:** The lists valid during the making were used as basis.

## 8.2 Exposure controls

**8.2.1. Appropriate engineering controls** Provide adequate ventilation.

### Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Do not inhale gases / fumes / aerosols.  
Do not eat, drink or smoke while using the product.  
Clean skin thoroughly immediately after handling the product.  
Wash hands before breaks and at the end of work.  
Use only with adequate ventilation.  
Do not breathe vapours or mists.  
Avoid contact with the eyes and skin.

#### Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### Hand protection



Protective gloves resistant to chemicals (standard EN 374-1)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection**



Tightly sealed goggles (EN 166).

**Body protection:**



Protective work clothing

**Environmental exposure controls**

Prevent enter of the product into drains, surface and groundwater and soil.

**SECTION 9: Physical and chemical properties**

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

**General Information**

<b>Physical state</b>	Liquid
<b>Colour:</b>	Transparent
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range</b>	Not determined
<b>Flammability</b>	Not applicable
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Flash point:</b>	68-81 °C (CAS: 64-19-7 acetic acid)
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Decomposition temperature:</b>	Not determined
<b>pH at 20 °C</b>	<1.5
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined
<b>Dynamic:</b>	Not determined
<b>Solubility</b>	
<b>water:</b>	Fully miscible
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Vapour pressure:</b>	Not determined

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**Density and/or relative density**

Density:	Not determined
Relative density	Not determined
Vapour density	Not determined

**9.2 Other information**

**Appearance:**

Form: Liquid

**Important information on protection of health and environment, and on safety.**

Auto-ignition temperature: Not determined

Explosive properties: Product does not present an explosion hazard.

Cloud point / clarification point:

Oxidising properties: Not oxidising

Evaporation rate: Not determined

**Information with regard to physical hazard classes**

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	May intensify fire; oxidiser.
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided** Stable at environment temperature.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** Avoid exposure to heat.

**10.5 Incompatible materials** Oxidizing agents

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**10.6 Hazardous decomposition products** No dangerous decomposition products known.

### SECTION 11: Toxicological information

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

**Acute toxicity** Harmful if swallowed.

#### LD/LC50 values relevant for classification:

##### ATE (Acute Toxicity Estimates)

Oral	LD50	1,430 mg/kg
Dermal	LD50	9,409 mg/kg
Inhalative	LC50/4 h (vapour)	31.5 mg/l

##### CAS: 7722-84-1 hydrogen peroxide solution

Dermal	LD50	6,440 mg/kg (rabbit)
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##### CAS: 64-19-7 acetic acid

Oral	LD50	3,310 mg/kg (rat)
Dermal	LD50	1,060 mg/kg (rabbit)

##### CAS: 79-21-0 peracetic acid

Dermal	LD50	1,410 mg/kg (rabbit)
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**Skin corrosion/irritation** Causes severe skin burns and eye damage.

**Serious eye damage/irritation** Causes serious eye damage.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

#### STOT-single exposure

The product is classified as Specific Target Organ Toxicity after single exposure Category 3  
May cause respiratory irritation.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

#### Additional toxicological information:

**Repeated dose toxicity** Based on available data, the classification criteria are not met.

#### 11.2 Information on other hazards

##### Endocrine disrupting properties

None of the ingredients is listed.

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Aquatic toxicity:

##### CAS: 79-21-0 peracetic acid

EC50 (72h)	0.16 mg/l (Pseudokirchneriella subcapitata)
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EC50 (48h)	0.73 mg/l (Daphnia magna)
LC50 (96h)	1.1 mg/l (Lepomis macrochirus (Bluegill))

**12.2 Persistence and degradability** Biodegradable.

**12.3 Bioaccumulative potential** No bioaccumulation potential.

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

**12.7 Other adverse effects**

**Remark:** Toxic for fish

**Additional ecological information:**

**General notes:**

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Also poisonous for fish and plankton in water bodies.

The product contains materials that are harmful to the environment.

Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

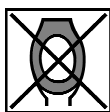
### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

##### Uncleaned packaging:

##### Recommendation:

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

### SECTION 14: Transport information

#### 14.1 UN number or ID number

ADR, IMDG, IATA

UN3149

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**14.2 UN proper shipping name  
ADR**

3149 HYDROGEN PEROXIDE AND  
PEROXYACETIC ACID MIXTURE, STABILIZED,  
ENVIRONMENTALLY HAZARDOUS  
HYDROGEN PEROXIDE AND PEROXYACETIC  
ACID MIXTURE, STABILIZED, MARINE  
POLLUTANT  
HYDROGEN PEROXIDE AND PEROXYACETIC  
ACID MIXTURE, STABILIZED

**IMDG**

**IATA**

**14.3 Transport hazard class(es)**

**ADR**



**Class  
Label**

5.1 Oxidising substances.  
5.1+8

**IMDG**



**Class  
Label**

5.1 Oxidising substances.  
5.1/8

**IATA**



**Class  
Label**

5.1 Oxidising substances.  
5.1 (8)

**14.4 Packing group**

**ADR, IMDG, IATA**

II

**14.5 Environmental hazards:**

**Marine pollutant:**

Environmental Hazardous

Yes

Symbol (fish and tree)

Symbol (fish and tree)

**Special marking (ADR):**

Warning: Oxidising substances.

**14.6 Special precautions for user**

**Hazard identification number (Kemler code):** 58

**EMS Number:**

F-H,S-Q

**Segregation groups**

Peroxides

**Stowage Category**

D

**Stowage Code**

SW1 Protected from sources of heat.

**Segregation Code**

SG16 Stow "separated from" class 4.1

SG59 Stow "separated from" SGG14-

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**14.7 Maritime transport in bulk according to IMO instruments**  
permanganates  
SG72 See 7.2.6.3.2.  
Not applicable.

**Transport/Additional information:**

**ADR**

**Limited quantities (LQ)**

**Excepted quantities (EQ)**

1L

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

**Transport category**

**Tunnel restriction code**

2

E

**IMDG**

**Limited quantities (LQ)**

**Excepted quantities (EQ)**

1L

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

**UN "Model Regulation":**

UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED, 5.1 (8), II, ENVIRONMENTALLY HAZARDOUS

**SECTION 15: Regulatory information**

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as ammended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as ammended

**Directive 2012/18/EU**

**Seveso category**

P8 P8 OXIDISING LIQUIDS AND SOLIDS

E2 Hazardous to the Aquatic Environment

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

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**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2020/878 and Regulation No 1272/2008/EC**  
**(CLP)**

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**National regulations:**

**Other regulations, limitations and prohibitive regulations**

**Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.


**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

- H226 Flammable liquid and vapour.
- H242 Heating may cause a fire.
- H271 May cause fire or explosion; strong oxidiser.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

**Department issuing SDS:**

 **SUSTCHEM S.A.**  
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**Version number of previous version: 1**

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 3: Flammable liquids – Category 3  
Ox. Liq. 1: Oxidizing liquids – Category 1  
Ox. Liq. 2: Oxidizing liquids – Category 2

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Org. Perox. D: Organic peroxides – Type C/D

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**\* Data compared to the previous version altered.**

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