

DeSalinTM AM - KTV[®] SELF CLEANER

Preserves against mold, algae, green growth, and microorganisms

DeSalin AM - KTV SelfCleaner is used to clean surfaces, without the use of high pressure

For SELF CLEANING: Apply DeSalin AM - KTV SelfCleaner to all surfaces with mixing ratio 7% DeSalin AM - KTV SelfCleaner and 93% water.

Applied as foam.

Make sure you apply to the entire surface.

The surface will clean itself within 1-3 months.

DeSalin AM - KTV SelfCleaner is designed to dissolve and remove impurities, fungi, and algae, and is applied to surfaces with low pressure. Weather and wind will make the surfaces clean over a period of 3-4 weeks.

Already after 1-2 weeks you will be able to see clearly visible results, but DeSalin AM - KTV SelfCleaner continues to work for about 3 months.

With this method, high pressure flushing is not used, which avoids unnecessary wear and tear and does not damage the facades or surfaces.

Suitable for use on painted or plastered walls/facades, concrete facades, brick facades, natural stone, and tiles/grout.

Consumption: Coverage 8-10 m²/L, highly dependent on the characteristics of the applied surface.

Safety: Causes serious eye damage. Irritates the skin. Toxic to aquatic life with long-lasting effects. May cause an allergic skin reaction.

IN CASE OF EYE CONTACT: Rinse carefully with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing. Wear protective gloves/protective clothing/eye protection/face protection. Immediately contact a POISON CENTER or a doctor. Avoid release into the environment. Collect spillage. Read the label before use. Contaminated clothing must be removed and washed before reuse. If medical advice is needed, have the product container or label at hand. Avoid inhalation of dust/fumes/gas/mist/vapors/aerosols. Wash thoroughly with plenty of water and soap after handling. Dispose of contents/container to an approved disposal site in accordance with local/national/international regulations. Keep out of reach of children.

Production Date: See packaging.

Storage: Can be stored in the original, sealed container for 36 months after the production date.

License No.: 637851 (PT10)

Holder: NanoPhos SA, Sci. & Tech. Park, Lavrio 19500, Greece.

UFI: YERV-RORX-QOOJ-8T94.

Properties: Water-based solution.

Contains: Quaternary ammonium compounds, benzyl C12-14 (even-numbered), alkyl dimethyl, chlorides, 2-octyl-2-isothiazol-3-one, 3-iodo-2-propynyl butyl carbamate.

Ingredients (EC 648/2004): Cationic surfactants (<5%) Quaternary ammonium compounds, benzyl-C12-16-alkyl dimethyl, chlorides 4.5 % w/w (CAS No. 68424-85-1), 2-octyl-2H-isothiazol-3-one 0.045% w/w (CAS No. 26530-20-1), IPBC 0.225 % w/w (CAS No. 55406-53-6), auxiliaries: 88.73% w/w.



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Data sheet

Scan QR-code or go to:

www.ktvworkingdrone.com/datasheet

Volume: 20L

Approved in the EU

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: NanoPhos_GA_210820-015
Product name: DeSalin AM - KTV SelfCleaner
UFI : YFRV-R0RX-Q00J-8T94

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

Intended use: Water-based masonry preservative and mould remediation

1.3. Details of the supplier of the safety data sheet

Name: NANOPHOS S.A.
Full address: Technological & Cultural Park
District and Country: 19 500 Lavrio (Greece)
Greece

Tel. +30 22920 69312

Fax +30 22920 69303

e-mail address of the competent person

responsible for the Safety Data Sheet: iarabatz@NanoPhos.com
Supplier: Ioannis Arabatzis

1.4. Emergency telephone number

For urgent inquiries refer to: +30 210 7793777

Spitalul Clinic de Urgenta Bucuresti: Calea Floreasca nr. 8, sector 1, Bucuresti
Nr. Tel. apelabil permanent: 021 5992300, int. 291 e-mail: spital@urgentaflorasca.ro
Spitalul Clinic Judetean de Urgenta Targu Mures: Str. Prof. Dr. G. Marinescu nr. 50, Tg. Mures, Jud. Mures
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SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Serious eye damage, category 1	H318	Causes serious eye damage.
Skin irritation, category 2	H315	Causes skin irritation.
Skin sensitization, category 1A	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic toxicity, category 2	H411	Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words:

Danger

Hazard statements:

H318 Causes serious eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

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

P280 Wear protective gloves / eye protection / face protection.

P310 Immediately call a POISON CENTER or a doctor.

P273 Avoid release to the environment.

P391 Collect spillage.

P321 Specific treatment (see . . . on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P272 Contaminated work clothing should not be allowed out of the workplace.

P501 Dispose of contents or container according to local/national/international regulations

P102 Keep out of reach of children.

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

P261 Avoid breathing fume, mist or spray.

P264 Wash with plenty of water and soap thoroughly after handling.

Contains: Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)alkyldimethyl, chlorides
octhilinone (ISO),2-octyl-2H-isothiazol-3one
3-iodo-2-propynyl butylcarbamate

Product not intended for uses provided for by Directive 2004/42/EC.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration greater than 0,1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)alkyldimethyl, chlorides		
INDEX -	3 x < 5	Acute Tox. 4 H302, Skin Corr. 1B H314, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1
EC 270-325-2		ATE Oral: 500 mg/kg
CAS 68424-85-1		
2-(2-butoxyethoxy)ethanol		
INDEX 603-096-00-8	0 < x < 5	Eye Irrit. 2 H319
EC 203-961-6		
CAS 112-34-5		
3-iodo-2-propynyl butylcarbamate		
INDEX -	0 < x < 0,25	Acute Tox. 3 H331, Acute Tox. 4 H302, STOT RE 1 H372, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1
EC 259-627-5		LD50 Oral: 1276 mg/kg, LC50 Inhalation vapours: 8 mg/l/4h
CAS 55406-53-6		
octhilinone (ISO),2-octyl-2H-isothiazol-3one		
INDEX 613-112-00-5	0,025 x < 0,1	Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=100, EUH071
EC 247-761-7		Skin Sens. 1A H317: 0,0015%
CAS 26530-20-1		ATE Oral: 100 mg/kg, LD50 Dermal: 690 mg/kg, ATE Inhalation gas: 100 ppm
REACH Reg. 01-2120768921-45-XXXX		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

In case of doubt or in the presence of symptoms contact a doctor and show him this document.

In case of more severe symptoms, ask for immediate medical aid.

EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Take off immediately all contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice/attention. Avoid further contact with contaminated clothing.

INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.

INHALATION: Remove victim to fresh air, away from the accident scene. In the event of respiratory symptoms (coughing, wheezing, breathing difficulty, asthma) keep the victim in a comfortable position for breathing. If necessary administer oxygen. If the subject stops breathing, administer artificial respiration. Get medical advice/attention.

Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

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

Specific information on symptoms and effects caused by the product are unknown.

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

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

Immediately call a POISON CENTER or a doctor.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.

Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)alkyldimethyl, chlorides

Predicted no-effect concentration - PNEC

Normal value in fresh water				0,0009	mg/l			
Normal value in marine water				0,00096	mg/l			
Normal value for fresh water sediment				12,27	mg/kg			
Normal value for marine water sediment				13,09	mg/kg			
Normal value for water, intermittent release				0,00016	mg/l			
Normal value of STP microorganisms				0,4	mg/l			
Health - Derived no-effect level - DNEL / DMEL								
				Effects on consumers	Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				3,4 mg/kg/d				
Inhalation				1,64 mg/m3				3,96 mg/m3
Skin				3,4 mg/kg/d				5,7 mg/kg/d

2-(2-butoxyethoxy)ethanol									
Threshold Limit Value									
Type	Country	TWA/8h		STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
WEL	GBR	67,5	10	101,2	15				
OEL	EU	67,5	10	101,2	15				
Health - Derived no-effect level - DNEL / DMEL									
		Effects on consumers			Effects on workers				
Route of exposure		Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation								67,5 mg/m3	67,5 mg/m3

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN ISO 16321).

RESPIRATORY PROTECTION

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	transparent	
Odour	characteristic	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	> 60 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	7,5	
Kinematic viscosity	not available	
Dynamic viscosity	2mPa.s	
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	1.00±0.05 kg/L	kg/l
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation - vapours) of the mixture: > 20 mg/l
ATE (Oral) of the mixture: >2000 mg/kg
ATE (Dermal) of the mixture: Not classified (no significant component)

Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)alkyldimethyl, chlorides

LD50 (Dermal): 397,5 mg/kg rat
ATE (Oral): 500 mg/kg estimate from table 3.1.2 of Annex I of the CLP
(figure used for calculation of the acute toxicity estimate of the mixture)

3-iodo-2-propynyl butylcarbamate

LD50 (Oral): 1276 mg/kg
LC50 (Inhalation vapours): 8 mg/l/4h

octhilinone (ISO),2-octyl-2H-isothiazol-3-one

LD50 (Dermal): 690 mg/kg MOUSE
LD50 (Oral): 760 mg/kg RAT
LC50 (Inhalation gas): 0,58 ppm/4h RAT

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it has negative effects on the aquatic environment.

12.1. Toxicity

Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)alkyldimethyl, chlorides

LC50 - for Fish	0,515 mg/l/96h
EC50 - for Algae / Aquatic Plants	16 mg/l/72h daphnia
Chronic NOEC for Algae / Aquatic Plants	9 mg/l

octhiline (ISO),2-octyl-2H-isothiazol-3-one

LC50 - for Fish	0,154 mg/l/96h
EC50 - for Crustacea	0,25 mg/l/48h

3-iodo-2-propynyl butylcarbamate

LC50 - for Fish	0,183 mg/l/96h
EC50 - for Crustacea	0,5 mg/l/48h

12.2. Persistence and degradability

Quaternary ammonium compounds, benzyl-C12-14 (even numbered)alkyldimethyl, chlorides

Rapidly degradable

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

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

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information**14.1. UN number or ID number**

ADR / RID, IMDG, IATA: UN 3082

ADR / RID: In accordance with Special Provision 375, this product, when is packed in receptacles of a capacity 5Kg or 5L, is not submitted to ADR provisions.

IMDG: In accordance with Section 2.10.2.7 of IMDG Code, this product, when is packed in receptacles of a capacity 5Kg or 5L, is not submitted to IMDG Code provisions.

IATA: In accordance with SP A197, this product, when is packed in receptacles of a capacity 5Kg or 5L, is not submitted to IATA dangerous goods regulations.

14.2. UN proper shipping name

ADR / RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)alkyldimethyl, chlorides ; 3-iodo-2-propynyl butylcarbamate)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)alkyldimethyl, chlorides ; 3-iodo-2-propynyl butylcarbamate)

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-14 (even-numbered)alkyldimethyl, chlorides ; 3-iodo-2-propynyl butylcarbamate)

14.3. Transport hazard class(es)

ADR / RID: Class: 9 Label: 9

IMDG: Class: 9 Label: 9

IATA: Class: 9 Label: 9

**14.4. Packing group**

NANOPHOS S.A.

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ADR / RID, IMDG, IATA: III

14.5. Environmental hazardsADR / RID: Environmentally
Hazardous

IMDG: Marine Pollutant

IATA: Environmentally
Hazardous**14.6. Special precautions for user**

ADR / RID: HIN - Kemler: 90

Limited
Quantities: 5
ltTunnel
restriction
code: (-)

Special provision: 274, 335, 375, 601

IMDG: EMS: F-A, S-F

Limited
Quantities: 5
lt

IATA: Cargo:

Maximum
quantity: 450
LPackaging
instructions:
964

Passengers:

Maximum
quantity: 450
LPackaging
instructions:
964

Special provision:

A97, A158,
A197, A215**14.7. Maritime transport in bulk according to IMO instruments**

Information not relevant

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Biocide Product Identity Number: PT 10-001, Ministry of Agriculture and Rural Development
Product Registry : 637851

Seveso Category - Directive 2012/18/EU: E2

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006Product

Point 3

Contained substance

Point 75

Point 55 2-(2-butoxyethoxy)ethanol

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 2	Acute toxicity, category 2
Acute Tox. 3	Acute toxicity, category 3
Acute Tox. 4	Acute toxicity, category 4
STOT RE 1	Specific target organ toxicity - repeated exposure, category 1
Skin Corr. 1B	Skin corrosion, category 1B
Skin Corr. 1C	Skin corrosion, category 1C
Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1	Skin sensitization, category 1
Skin Sens. 1A	Skin sensitization, category 1A
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1

Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
H330	Fatal if inhaled.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H302	Harmful if swallowed.
H372	Causes damage to organs through prolonged or repeated exposure.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

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Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 10 / 11 / 12 / 14 / 15.