Revision nr. 13 NANOPHOS S.A. Dated 29/07/2024 Printed on 29/07/2024 DeSalin K Page n. 1/16 Replaced revision:12 (Dated: 09/12/2022)

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

NanoPhos_GA_240820-005 Code: Product name DeSalin K UFI: A8RV-R0D5-300K-X440

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

Intended use Residue cleaner for resistant surfaces

1.3. Details of the supplier of the safety data sheet

Name NANOPHOS S.A.

Technological & Cultural Park Full address 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

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:

Skin corrosion, category 1A H314 Causes severe skin burns and eye damage.

Serious eye damage, category 1 H318 Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms:

NANOPHOS S.A.

DeSalin K

Revision nr. 13

Dated 29/07/2024

Printed on 29/07/2024

Page n. 2/16

Replaced revision:12 (Dated: 09/12/2022)



Signal words: Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.

EUH071 Corrosive to the respiratory tract.

Precautionary statements:

P260 Do not breathe fume, mist or spray.

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

rinsing.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P280 Wear protective gloves/ protective clothing / eye protection / face protection.

P310 Immediately call a POISON CENTER or a doctor.

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

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

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

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.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P405 Store locked up.

Contains: FORMIC ACID

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%.

NANOPHOS S.A. Revision nr. 13 DeSalin K Printed on 29/07/2024 Page n. 3/16 Replaced revision:12 (Dated: 09/12/2022)

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification x = Conc. % Classification (EC) 1272/2008 (CLP)

FORMIC ACID

INDEX 607-001-00-0 5 x < 10 Skin Corr. 1A H314, Eye Dam. 1 H318, EUH071, Classification note

according to Annex VI to the CLP Regulation: B

EC 200-579-1 Skin Corr. 1A H314: 90%, Skin Corr. 1B H314: 10% - < 90%, Skin Corr. 1C

H314: 10% - < 90%, Skin Irrit. 2 H315: 2% - < 10%, Eye Dam. 1 H318: > 0% -

< 0%, Eye Irrit. 2 H319: 2% - < 10%

CAS 64-18-6

3-Methoxy-3-methylbutan-1-ol

INDEX - 5×10 Eye Irrit. 2 H319

EC 260-252-4 CAS 56539-66-3

REACH Reg. 01-2119976333-33-

0000

Hydrogen Chloride

INDEX 017-002-01-X 1 x < 3 Met. Corr. 1 H290, Skin Corr. 1A H314, Eye Dam. 1 H318, STOT SE 3 H335,

Classification note according to Annex VI to the CLP Regulation: B

EC 231-595-7 Eye Dam. 1 H318: 99%

CAS 7647-01-0

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. Rinse your mouth with running water. 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

| NANOPHOS S.A. | Revision nr. 13 Dated 29/07/2024 |
|---------------|--|
| DeSalin K | Printed on 29/07/2024 |
| | Page n. 4/16 |
| | Replaced revision:12 (Dated: 09/12/2022) |

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.

| NANOPHOS S.A. | Revision nr. 13 |
|---------------|--|
| | Dated 29/07/2024 |
| DeSalin K | Printed on 29/07/2024 |
| | Page n. 5/16 |
| | Replaced revision:12 (Dated: 09/12/2022) |

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

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. 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:

| FRA | France | Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 décembre 2021 |
|-----|----------------|---|
| GRC | Ελλάδα | Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ ``σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία``» |
| ROU | România | Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum i pentru modificarea |
| ODD | 11.5. 112. 1 | i completarea hotărârii guvernului nr. 1.093/2006 |
| 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. |
| | TLV-ACGIH | ACGIH 2023 |

| Tuma | Value | T\\/ \/ /0b | | STEL/15min | | Demortes / |
|-----------|---------|-------------|-----|------------|-----|---------------------------|
| Туре | Country | TWA/8h | | STEL/TOMIN | | Remarks / Observations |
| | | mg/m3 | ppm | mg/m3 | ppm | |
| VLEP | FRA | 9 | 5 | | | |
| TLV | GRC | 9 | 5 | | | |
| TLV | ROU | 9 | 5 | | | |
| WEL | GBR | 9,6 | 5 | | | |
| OEL | EU | 9 | 5 | | | |
| TLV-ACGIH | | 9,4 | 5 | 18,8 | 10 | |

| | | N | IANOPHOS | 5 S.A. | | | | Revision nr. 13 Dated 29/07/2024 | |
|---|---------------|--------------------|----------------|---------------|-------------------|-----------------------|-------------------|-----------------------------------|--------------------|
| | | | | | | | | | |
| | | | DeSalin | K | | | | Printed on 29/07/2024 | |
| | | | | | | | | Page n. 6/16 | to d. 00/40/2022 |
| _ | | | _ | | | | | Replaced revision:12 (Da | tea: 09/12/2022 |
| Normal value in fresh wate | er | | | | 2 | mg | 1/1 | | |
| Normal value in marine wa | ater | | | | 0,2 | mç | , | | |
| Normal value for fresh wat | | | | | 13,4 | | ı/kg | | |
| Normal value for marine w | ater sedimer | nt | | | 1,34 | mç | ı/kg | | |
| Normal value of STP micro | oorganisms | | | | 7,2 | mç | g/l | | |
| Normal value for the terres | strial compar | tment | | | 1,5 | | ı/kg | | |
| Health - Derived no-ef | | | MEL | | | | - | | |
| | | ects on nsumers | | | | Effects on workers | | | |
| Route of exposure | Acı | ute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Inhalation | | | | 3 mg/m3 | 3 mg/m3 | | oyotoc | 9,5 mg/m3 | 9,5 mg/m3 |
| | | | | | | | | | |
| <mark>3-Methoxy-3-methylb</mark> Health - Derived no-e | | - DNEL / D | MEI | | | | | | |
| nealth - Derived 110-e | Effe | ects on nsumers | MEC | | | Effects on workers | | | |
| Route of exposure | Acı | ute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Oral | | | | | 2,5 mg/kg bw/d | | 3,2.2 | | |
| Inhalation | | | | | 4,4 mg/m3 | | | | 18 mg/m3 |
| Skin | | | | | 3,1 mg/kg bw/d | | | | 6,25 mg/kg bw/d |
| | | | | | bw/d | | | | bw/u |
| Hydrogen Chloride | | | | | | | | | |
| Threshold Limit Value Type | Country | TWA/8 | h | | STEL/15min | | Rem | arks / | |
| | | mg/m3 | | ppm | mg/m3 | ppm | Obse | ervations | |
| VLEP | FRA | mg/mo | | ррш | 7,6 | 5 | | | |
| | ROU | 8 | _ | 5 | 15 | 10 | | | |
| | GBR | 2 | | 1 | 8 | 5 | | | |
| | EU | 8 | | 5 | 15 | 10 | | | |
| TLV-ACGIH | | | | | 2,9 (C) | 2 (C) | | | |
| Predicted no-effect concer | ntration - PN | FC. | | | 2,3 (0) | 2 (0) | | | |
| Normal value in fresh water | | | | | 0,036 | mç | 1/1 | | |
| Normal value in marine wa | | | | | 0,036 | mg | | | |
| Normal value of STP micro | | | | | 0,036 | mo | | | |
| Health - Derived no-ef | | - DNFL / DI | MEI | | 2,222 | | , . | | |
| | Effe | ects on | | | | Effects on workers | | | |
| Route of exposure | Acı | ute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Inhalation | | | | | | 15 mg/m3 | | 8 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.

| NANOPHOS S.A. | Revision nr. 13 |
|---------------|--|
| | Dated 29/07/2024 |
| DeSalin K | Printed on 29/07/2024 |
| | Page n. 7/16 |
| | Replaced revision:12 (Dated: 09/12/2022) |

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 III 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 a hood visor or protective visor combined with airtight 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.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Properties Appearance | Value liquid | Information |
|--------------------------------|------------------------|-------------|
| Colour | yellowish | |
| Odour | strong | |
| 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 | |
| | | |

NANOPHOS S.A. Revision nr. 13 Dated 29/07/2024 Printed on 29/07/2024 Page n. 8/16 Replaced revision:12 (Dated: 09/12/2022)

pH 0,25

Kinematic viscosity not available

Dynamic viscosity 2 mPa.s

Solubility not available

Partition coefficient: n-octanol/water not available

Vapour pressure not available

Density and/or relative density 1.05±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.

FORMIC ACID

Decomposes under the effect of heat. Attacks various types of plastic materials.

At room temperature it can release carbon monoxide.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

FORMIC ACID

Risk of explosion on contact with: sodium hypochlorite,nitromethane,hydrogen peroxide,furfuryl alcohol.May react dangerously with: alkaline hydroxides,alkaline earth hydroxides,aluminium,palladium-carbon,oxidising agents,phosphorus pentoxide,nitric acid,concentrated sulphuric acid,trihydrate thallium trinitrate.May react dangerously if exposed to: heat.Forms explosive mixtures with: air.

Hydrogen Chloride

NANOPHOS S.A. Revision nr. 13 Dated 29/07/2024 Printed on 29/07/2024 Page n. 9/16 Replaced revision:12 (Dated: 09/12/2022)

Risk of explosion on contact with: alkaline metals, aluminium powder, hydrogen cyanide, alcohol.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

FORMIC ACID

Avoid exposure to: light, sources of heat, naked flames.

10.5. Incompatible materials

FORMIC ACID

Incompatible with: strong oxidants, strong bases, sulphuric acid, furfurylic acid.

Hydrogen Chloride

Incompatible with: alkalis,organic substances,strong oxidants,metals.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

FORMIC ACID

May develop: carbon monoxide,hydrogen.

Hydrogen Chloride

In decomposition develops: hydrochloric acid fumes.

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

NANOPHOS S.A.

DeSalin K

Revision nr. 13

Dated 29/07/2024

Printed on 29/07/2024

Page n. 10/16

Replaced revision:12 (Dated: 09/12/2022)

Interactive effects

Information not available

ACUTE TOXICITY

Corrosive to the respiratory tract.

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture:

ATE (Oral) of the mixture:

ATE (Dermal) of the mixture:

Not classified (no significant component)

Not classified (no significant component)

Not classified (no significant component)

FORMIC ACID

LC50 (Inhalation vapours): > 7,85 mg/l/4h Rat

3-Methoxy-3-methylbutan-1-ol

LD50 (Dermal): > 2000 mg/kg Rat LD50 (Oral): 4400 mg/kg Rat

Hydrogen Chloride

LD50 (Oral): 900 mg/kg (Rabbit) LC50 (Inhalation vapours): 7521 mg/l/4h (Rat)

SKIN CORROSION / IRRITATION

Corrosive for the skin

Classification according to the experimental Ph value

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

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

NANOPHOS S.A. Revision nr. 13 DeSalin K Printed on 29/07/2024 Page n. 11/16 Replaced revision:12 (Dated: 09/12/2022)

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

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Hydrogen Chloride

LC50 - for Fish 20,5 mg/l/96h Lepomis macrochirus (Bluegill sunfish)

EC50 - for Crustacea 1,3 mg/l/48h

3-Methoxy-3-methylbutan-1-ol

LC50 - for Fish > 100 mg/l/96h (Oryzias latipes (Japanese medaka))
EC50 - for Crustacea > 1000 mg/l/48h (Daphnia magna (Water flea))

12.2. Persistence and degradability

Hydrogen Chloride

Solubility in water > 10000 mg/l

Degradability: information not available

FORMIC ACID

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

3-Methoxy-3-methylbutan-1-ol

Rapidly degradable

12.3. Bioaccumulative potential

FORMIC ACID

Partition coefficient: n-octanol/water -2,1

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

NANOPHOS S.A. Revision nr. 13 Dated 29/07/2024 Printed on 29/07/2024 Page n. 12/16

Replaced revision:12 (Dated: 09/12/2022)

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 1760

14.2. UN proper shipping name

ADR / RID: CORROSIVE LIQUID, N.O.S. IMDG: CORROSIVE LIQUID, N.O.S. IATA: CORROSIVE LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR / RID: Class: 8 Label: 8

IMDG: Class: 8 Label: 8

IATA: Class: 8 Label: 8



14.4. Packing group

ADR / RID, IMDG, IATA:

14.5. Environmental hazards

ADR / RID: NC

IMDG: not marine pollutant

Revision nr. 13 NANOPHOS S.A. Dated 29/07/2024 Printed on 29/07/2024 DeSalin K Page n. 13/16 Replaced revision:12 (Dated: 09/12/2022) IATA: NO 14.6. Special precautions for user ADR / RID: HIN - Kemler: 80 Limited Tunnel Quantities: 5 restriction code: (E) Special provision: 274 IMDG: EMS: F-A, S-B Limited Quantities: 5 IATA: Cargo: Maximum Packaging quantity: 60 L instructions: 856 Passengers: Maximum Packaging instructions: quantity: 5 L 852 Special provision: A3, A803 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 Seveso Category - Directive 2012/18/EU: None Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006 Product Point Contained substance Point 75 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

NANOPHOS S.A. Revision nr. 13 DeSalin K Printed on 29/07/2024 Page n. 14/16 Replaced revision:12 (Dated: 09/12/2022)

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:

Met. Corr. 1 Substance or mixture corrosive to metals, category 1

Skin Corr. 1A
Skin corrosion, category 1A
Skin Corr. 1B
Skin corrosion, category 1B
Skin Corr. 1C
Skin corrosion, category 1C
Skin corrosion, category 1

Eye Dam. 1 Serious eye damage, category 1

Eye Irrit. 2 Eye irritation, category 2
Skin Irrit. 2 Skin irritation, category 2

STOT SE 3 Specific target organ toxicity - single exposure, category 3

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.
H319 Causes serious eye irritation.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

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%

Revision nr. 13 NANOPHOS S.A. Dated 29/07/2024 Printed on 29/07/2024 DeSalin K Page n. 15/16 Replaced revision:12 (Dated: 09/12/2022) 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

GENERAL BIBLIOGRAPHY

TLV: Threshold Limit Value

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).

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament

TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.

- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EÚ) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP) 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP) 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP) 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP) 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)

- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
 23. Delegated Regulation (UE) 2023/707
 24. Delegated Regulation (UE) 2023/1434 (XIX Atp. CLP)

- 24. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

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.

| 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 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 1. Changes to previous review: The following sections were modified: |
|---|
| 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 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 1. Changes to previous review: The following sections were modified: |
| 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 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 1. Changes to previous review: The following sections were modified: |
| Provide appointed staff with adequate training on how to use chemical products. CALCULATION METHODS FOR CLASSIFICATION CALCULATION METHODS FOR CLASSIFICATION CALCULATION METHODS PROBLES (Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation 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 1 Changes to previous review: The following sections were modified: 02 / 03 / 04 / 07 / 08 / 09 / 10 / 11 / 12 / 14 / 15 / 16. |
| |