

7230 ceramic wash

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

1.1. Product identifier

Trade name

7230 ceramic wash

▼ Product no.

4437024

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

Relevant identified uses of the substance or mixture

Cleaning

Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

Company and address

mira byggeprodukter a/s

Egegårdsvej 2

4621 Gadstrup

+45 46 19 19 46

www.mira.eu.com

Contact person

-

E-mail

info@mira.eu.com

Revision

09/05/2022

SDS Version

1.0

Date of previous version

23/03/2022 (1.0)

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes serious eye damage. (H318)

Safety statement(s)

General

Keep out of reach of children. (P102)

Prevention

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

Response

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

Immediately call a POISON CENTER/doctor. (P310)

Storage

-

Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

Hazardous substances

1-Heptanol, 2-propyl-, 7EO

Tetrapotassium pyrophosphate

propan-2-ol;isopropyl alcohol;isopropanol

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|--|-------|---|------|
| 1-Heptanol, 2-propyl-, 7EO | CAS No.: 160875-66-1 EC No.: 605-233-7 REACH: Index No.: | 5-10% | Acute Tox. 4, H302 Eye Dam. 1, H318 | |
| Tetrapotassium pyrophosphate | CAS No.: 7320-34-5 EC No.: 230-785-7 REACH: 01-2119489369-18 Index No.: | 1-3% | Eye Irrit. 2, H319 | |
| propan-2-ol;isopropyl alcohol;isopropanol | CAS No.: 67-63-0 EC No.: 200-661-7 REACH: Index No.: 603-117-00-0 | 1-3% | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 | |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

No special

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂).

Some metal oxides.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials

and place in container for disposal, according to local regulations.
 To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.
 See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the product.
 Smoking, drinking and consumption of food is not allowed in the work area.
 See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

Store in a closed original container in a dry and well-ventilated place.

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

—
 propan-2-ol;isopropyl alcohol;isopropanol
 Long term exposure limit (8 hours) (ppm): 400
 Long term exposure limit (8 hours) (mg/m³): 999
 Short term exposure limit (15 minutes) (ppm): 500
 Short term exposure limit (15 minutes) (mg/m³): 1250

—
 2-aminoethanol;ethanolamine
 Long term exposure limit (8 hours) (ppm): 1
 Long term exposure limit (8 hours) (mg/m³): 2,5
 Short term exposure limit (15 minutes) (ppm): 3
 Short term exposure limit (15 minutes) (mg/m³): 7,6

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
 EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

| | |
|--------------------------|--|
| Product/substance | Tetrapotassium pyrophosphate |
| DNEL | 2,79 mg/m ³ |
| Route of exposure | Inhalation |
| Duration | Long term – Systemic effects - Workers |
| Product/substance | Tetrapotassium pyrophosphate |
| DNEL | 0,68 mg/m ³ |

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

| | |
|--------------------------|---|
| Route of exposure | Inhalation |
| Duration | Long term – Systemic effects - General population |
| Product/substance | Tetrapotassium pyrophosphate |
| DNEL | > 70 mg/kg legemsvægt/dag |
| Route of exposure | Oral |
| Duration | Long term – Systemic effects - General population |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| DNEL | 888 mg/kg bw/day |
| Route of exposure | Dermal |
| Duration | Long term – Systemic effects - Workers |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| DNEL | 500 mg/m ³ |
| Route of exposure | Inhalation |
| Duration | Long term – Systemic effects - Workers |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| DNEL | 319 mg/kg bw/day |
| Route of exposure | Dermal |
| Duration | Long term – Systemic effects - General population |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| DNEL | 89 mg/m ³ |
| Route of exposure | Inhalation |
| Duration | Long term – Systemic effects - General population |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| DNEL | 26 mg/kg bw/day |
| Route of exposure | Oral |
| Duration | Long term – Systemic effects - General population |
| Product/substance | 2-aminoethanol;ethanolamine |
| DNEL | 3,3 mg/m ³ |
| Route of exposure | Inhalation |
| Duration | Long term – Local effects - Workers |
| Product/substance | 2-aminoethanol;ethanolamine |
| DNEL | 1 mg/kg |
| Route of exposure | Dermal |
| Duration | Long term – Systemic effects |
| Product/substance | 2-aminoethanol;ethanolamine |

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

| | |
|--------------------------|------------------------------|
| DNEL | 3,75 mg/kg |
| Route of exposure | Oral |
| Duration | Long term – Systemic effects |

PNEC

| | |
|-----------------------------|---|
| Product/substance | Tetrapotassium pyrophosphate |
| PNEC | 0,05 mg/l |
| Route of exposure | Freshwater |
| Duration of Exposure | |
| Product/substance | Tetrapotassium pyrophosphate |
| PNEC | 0,005 mg/l |
| Route of exposure | Marine water |
| Duration of Exposure | |
| Product/substance | Tetrapotassium pyrophosphate |
| PNEC | 0,5 mg/l |
| Route of exposure | Intermittent release |
| Duration of Exposure | |
| Product/substance | Tetrapotassium pyrophosphate |
| PNEC | 50 mg/l |
| Route of exposure | Activated Sludge Plant |
| Duration of Exposure | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| PNEC | 552 mg/kg |
| Route of exposure | Marine water sediment |
| Duration of Exposure | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| PNEC | 140,9 mg/l |
| Route of exposure | Freshwater |
| Duration of Exposure | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| PNEC | 28 mg/kg |
| Route of exposure | Soil |
| Duration of Exposure | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| PNEC | 140,9 mg/l |

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

| | |
|-----------------------------|---|
| Route of exposure | Marine water |
| Duration of Exposure | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| PNEC | 140,9 mg/l |
| Route of exposure | Intermittent release |
| Duration of Exposure | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| PNEC | 2251 mg/l |
| Route of exposure | Sewage treatment plant |
| Duration of Exposure | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| PNEC | 552 mg/kg |
| Route of exposure | Freshwater sediment |
| Duration of Exposure | |
| Product/substance | 2-aminoethanol;ethanolamine |
| PNEC | 0,085 mg/l |
| Route of exposure | Freshwater |
| Duration of Exposure | |
| Product/substance | 2-aminoethanol;ethanolamine |
| PNEC | 0,434 mg/kg tørvægt |
| Route of exposure | Freshwater sediment |
| Duration of Exposure | |
| Product/substance | 2-aminoethanol;ethanolamine |
| PNEC | 0,028 mg/l |
| Route of exposure | Intermittent release |
| Duration of Exposure | |
| Product/substance | 2-aminoethanol;ethanolamine |
| PNEC | 12,71 mg/kg mad |
| Route of exposure | Secondary poisoning |
| Duration of Exposure | |

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

| Type | Class | Colour | Standards |
|--------------------------|-------|--------|-----------|
| No specific requirements | | | |

Skin protection

No specific requirements

Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|-----------|----------------------|--------------------------|-----------|
| Vinyl/PVC | 0,12 | - | EN374-2 |



Eye protection

| Type | Standards |
|---|-----------|
| Wear safety goggles if there is a risk of splashes in the eyes. Eye protection must comply with EN 166. | EN 166 |



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

Liquid

Colour

Testing not relevant or not possible due to nature of the product.

Odour

Testing not relevant or not possible due to nature of the product.

Odour threshold (ppm)

Testing not relevant or not possible due to nature of the product.

pH

7

Density (g/cm³)

Testing not relevant or not possible due to nature of the product.

Viscosity

Testing not relevant or not possible due to nature of the product.

Phase changes

Melting point (°C)

Testing not relevant or not possible due to nature of the product.

Boiling point (°C)

Testing not relevant or not possible due to nature of the product.

Vapour pressure

Testing not relevant or not possible due to nature of the product.

Vapour density

Testing not relevant or not possible due to nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

Evaporation rate (n-butylacetate = 100)

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to nature of the product.

Ignition (°C)

Testing not relevant or not possible due to nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

Explosion limits (% v/v)

Testing not relevant or not possible due to nature of the product.

Explosive properties

Testing not relevant or not possible due to nature of the product.

Oxidizing properties

Testing not relevant or not possible due to nature of the product.

Solubility

Solubility in water

Testing not relevant or not possible due to nature of the product.

n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

No special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

| | |
|--------------------------|---|
| Product/substance | 1-Heptanol, 2-propyl-, 7EO |
| Test method | |
| Species | Rat |
| Route of exposure | Oral |
| Test | LD50 |
| Result | 555,56 mg/kg |
| Other information | |
| Product/substance | Tetrapotassium pyrophosphate |
| Test method | |
| Species | Mouse |
| Route of exposure | Oral |
| Test | LD50 |
| Result | 2000.00 mg/kg |
| Other information | |
| Product/substance | Tetrapotassium pyrophosphate |
| Test method | |
| Species | Rat |
| Route of exposure | Inhalation |
| Test | LC50 |
| Result | 1.10 mg/L |
| Other information | |
| Product/substance | Tetrapotassium pyrophosphate |
| Test method | |
| Species | Rabbit |
| Route of exposure | Dermal |
| Test | LD50 |
| Result | 2000.00 mg/kg |
| Other information | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| Test method | |
| Species | Rat |
| Route of exposure | Oral |
| Test | LD50 |
| Result | 5840.00 mg/kgbw |
| Other information | |

| | |
|--------------------------|---|
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| Test method | |
| Species | Rabbit |
| Route of exposure | Dermal |
| Test | LD50 |
| Result | 2000.00 mg/kg |
| Other information | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| Test method | |
| Species | Rat |
| Route of exposure | Inhalation |
| Test | LC50 |
| Result | 66.10 mg/L |
| Other information | |
| Product/substance | 2-aminoethanol;ethanolamine |
| Test method | |
| Species | Rat |
| Route of exposure | Oral |
| Test | LD50 |
| Result | 1089 mg/kg |
| Other information | |
| Product/substance | 2-aminoethanol;ethanolamine |
| Test method | |
| Species | |
| Route of exposure | |
| Test | LC50 (4 hours) |
| Result | 20 mg/L |
| Other information | |
| Product/substance | 2-aminoethanol;ethanolamine |
| Test method | |
| Species | |
| Route of exposure | Dermal |
| Test | LD50 |
| Result | 2000 mg/kg |
| Other information | |

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

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

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

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

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.

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Other information

No special

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--------------------------|----------------------------|
| Product/substance | 1-Heptanol, 2-propyl-, 7EO |
| Test method | |
| Species | Fish |
| Compartment | |
| Duration | 96 hours |
| Test | LC50 |
| Result | >10 - 100 mg/L |
| Other information | |
| Product/substance | 1-Heptanol, 2-propyl-, 7EO |
| Test method | |
| Species | Daphnia |
| Compartment | |
| Duration | 48 hours |
| Test | EC50 |
| Result | >10 - 100 mg/L |

| | |
|--------------------------|------------------------------|
| Other information | |
| Product/substance | 1-Heptanol, 2-propyl- , 7EO |
| Test method | |
| Species | Algae |
| Compartment | |
| Duration | 72 hours |
| Test | EC50 |
| Result | >10 - 100 mg/L |
| Other information | |
| Product/substance | Tetrapotassium pyrophosphate |
| Test method | |
| Species | Fish |
| Compartment | |
| Duration | 96 hours |
| Test | LC50 |
| Result | >100 mg/L |
| Other information | |
| Product/substance | Tetrapotassium pyrophosphate |
| Test method | |
| Species | Daphnia |
| Compartment | |
| Duration | 48 hours |
| Test | EC50 |
| Result | >100 mg/L |
| Other information | |
| Product/substance | Tetrapotassium pyrophosphate |
| Test method | |
| Species | Algae |
| Compartment | |
| Duration | 72 hours |
| Test | EC50 |
| Result | >100 mg/L |
| Other information | |
| Product/substance | Tetrapotassium pyrophosphate |
| Test method | |

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

| | |
|--------------------------|---|
| Species | microorganisms |
| Compartment | |
| Duration | 3 hours |
| Test | EC50 |
| Result | >1000 mg/L |
| Other information | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| Test method | |
| Species | Fish |
| Compartment | |
| Duration | 48 hours |
| Test | LC50 |
| Result | 8970.00 mg/L |
| Other information | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| Test method | |
| Species | Algae |
| Compartment | |
| Duration | 8 dage |
| Test | TGK |
| Result | 1800.00 mg/L |
| Other information | |
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| Test method | |
| Species | Daphnia |
| Compartment | |
| Duration | 24 h |
| Test | EC50 |
| Result | 9714.00 mg/L |
| Other information | |

12.2. Persistence and degradability

| | |
|--------------------------|---|
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
| Biodegradable | Yes |
| Test method | OECD 301E |

| | |
|---------------|--------------|
| Result | 95%, 21 days |
|---------------|--------------|

12.3. Bioaccumulative potential

| | |
|--------------------------|---|
| Product/substance | propan-2-ol;isopropyl alcohol;isopropanol |
|--------------------------|---|

Test method

| | |
|----------------------------------|-------------------|
| Potential bioaccumulation | No data available |
|----------------------------------|-------------------|

| | |
|---------------|------|
| LogPow | 0,05 |
|---------------|------|

| | |
|------------|-------------------|
| BCF | No data available |
|------------|-------------------|

Other information

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

No special

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

| | |
|-----------|----------|
| 20 01 13* | Solvents |
|-----------|----------|

Specific labelling

Not applicable

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

| 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information |
|--------------|------------------------------|-----------------------|----------|------------|-------------------|
| ADR - | - | - | - | - | - |
| IMDG - | - | - | - | - | - |
| IATA - | - | - | - | - | - |

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

Not applicable

Additional information

Not applicable

Sources

The Management of Health and Safety at Work Regulations 1999

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.

EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

15.2. Chemical safety assessment

No

▼ SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H336, May cause drowsiness or dizziness.

▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

▼ Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

▼ The safety data sheet is validated by

Reyhaneh R. Kanafi

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en