

SAFETY DATA SHEET

Mobile TRC 1

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

1.1. Product identifier

Trade name

Mobile TRC 1

Unique formula identifier (UFI)

D200-U0CW-500H-Q5TQ

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

Relevant identified uses of the substance or mixture

PC35 Washing and cleaning products

Restricted to professional users.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

NCA-Verodan A/S

Industriparken 5

DK-9560 Hadsund

Denmark

Tel.: +45 7027 1630

www.ncaa.dk

E-mail

mail@ncaa.dk

Revision

10/9/2023

SDS Version

1.0

Date of previous version

10/9/2023 (1.0)

1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)

See section 4 "First aid measures".

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

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

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes skin irritation. (H315)

Causes serious eye damage. (H318)

Precautionary statement(s)

General

-

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Prevention

Wear face protection/protective gloves/protective clothing. (P280)
Wash hands and exposed skin thoroughly after handling. (P264)

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

-

Hazardous substances

oxalic acid
2-,Hydroxy,propanoic,acid
dodecyldimethylaminoxid

Additional labelling

UFI: D200-U0CW-500H-Q5TQ

2.3. Other hazards

Additional warnings

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

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---------------------------|--|-------|--|----------|
| Phosphoric acid | CAS No.: 7664-38-2 EC No.: 231-633-2 REACH: 01-2119485924-24-0000 Index No.: 015-011-00-6 | 5-10% | Met. Corr. 1, H290 Skin Corr. 1B, H314 (SCL: 25.00 %) | [1] |
| oxalic acid | CAS No.: 144-62-7 EC No.: 205-634-3 REACH: Index No.: 607-006-00-8 | 3-5% | Acute Tox. 4, H302 Acute Tox. 4, H312 Eye Dam. 1, H318 | [1] |
| 2-,Hydroxy,propanoic,acid | CAS No.: 50-21-5 EC No.: 200-018-0 REACH: 01-2119548400-48-XXXX Index No.: | 3-5% | EUH071 Skin Corr. 1C, H314 Eye Dam. 1, H318 | |
| dodecyldimethylaminoxid | CAS No.: 68955-55-5 EC No.: 273-281-2 REACH: 01-2119489396-21-xxxx Index No.: | 1-3% | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) | [19] |
| 2-(2-butoxyethoxy)ethanol | CAS No.: 112-34-5 EC No.: 203-961-6 REACH: 01-2119475104-44-0000 Index No.: 603-096-00-8 | 1-3% | Eye Irrit. 2, H319 | [1], [3] |

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

Other information

[1] European occupational exposure limit.

[3] According to REACH, Annex XVII, the substance is subject to restrictions.

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

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

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

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

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

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 person 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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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

Not applicable.

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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the chemical emergency services on 72 85 20 00 (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.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on 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

No specific requirements

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

Phosphoric acid

Long term exposure limit (8 hours) (mg/m³): 1
Short term exposure limit (15 minutes) (mg/m³): 2

Annotations:

E = Substance has an EC limit.

oxalic acid

Long term exposure limit (8 hours) (mg/m³): 1

Annotations:

E = Substance has an EC limit.

2-(2-butoxyethoxy)ethanol

Long term exposure limit (8 hours) (mg/m³): 68
Long term exposure limit (8 hours) (ppm): 10
Short term exposure limit (15 minutes) (mg/m³): 101
Short term exposure limit (15 minutes) (ppm): 15

Annotations:

E = Substance has an EC limit.

Statutory order 202 on exposure limits for substances and mixtures (21/02/2023)

DNEL

2-(2-butoxyethoxy)ethanol

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|-------------------------|
| Long term – Local effects - Workers | Inhalation | 67.5 mg/m ³ |
| Short term – Local effects - Workers | Inhalation | 101.2 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 6.25 mg/kg bw/day |

dodecyldimethylaminoxid

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|------------------|
| Long term – Systemic effects - General population | Dermal | 5.5 mg/kg bw/day |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

| | | |
|---|------------|------------------------|
| Long term – Systemic effects - Workers | Dermal | 11 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 1.53 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 6.2 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 440 µg/kgbw/day |

Phosphoric acid

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|------------------------|
| Long term – Local effects - General population | Inhalation | 360 µg/m ³ |
| Long term – Local effects - Workers | Inhalation | 1 mg/m ³ |
| Long term – Systemic effects - General population | Inhalation | 4.57 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 10.7 mg/m ³ |
| Short term – Local effects - Workers | Inhalation | 2 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 100 µg/kgbw/day |

PNEC

2-(2-butoxyethoxy)ethanol

| Route of exposure: | Duration of Exposure: | PNEC: |
|-----------------------------------|-----------------------|-----------|
| Freshwater | | 1.1 mg/L |
| Freshwater sediment | | 4.4 mg/kg |
| Intermittent release (freshwater) | | 11 mg/L |
| Marine water | | 110 µg/L |
| Marine water sediment | | 440 µg/kg |
| Predators | | 56 mg/kg |
| Soil | | 320 µg/kg |

dodecyldimethylaminoxid

| Route of exposure: | Duration of Exposure: | PNEC: |
|-----------------------------------|-----------------------|------------|
| Freshwater | | 33.5 µg/L |
| Freshwater sediment | | 5.24 mg/kg |
| Intermittent release (freshwater) | | 33.5 µg/L |
| Marine water | | 3.35 µg/L |
| Marine water sediment | | 524 µg/kg |
| Predators | | 11.1 mg/kg |
| Sewage treatment plant | | 24 mg/L |
| Soil | | 1.02 mg/kg |

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 eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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 special when used as intended. | | | |



Skin protection

| Recommended | Type/Category | Standards | |
|---|---------------|-----------|---|
| Dedicated work clothing should be worn. | - | - |  |

Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards | |
|---------------------|----------------------|--------------------------|-------------------------|---|
| Neoprene (Neoprene) | 0.68 | > 120 | EN374-2, EN374-3, EN388 |  |
| Nitrile | 0,38 | > 240 | EN374-2, EN374-3, EN388 |  |

Eye protection

| Type | Standards | |
|--|-----------|---|
| In the likelihood of direct or incidental exposure, use face protection. | EN166 |  |
| Face shield alternatively safety glasses with side shields. | EN166 |  |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear

Odour / Odour threshold

Characteristic

pH

0,8

Density (g/cm³)

1.08

Kinematic viscosity

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

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

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

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

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

Vapour pressure

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

Relative vapour density

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

Decomposition temperature (°C)

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

Data on fire and explosion hazards

Flash point (°C)

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

Flammability (°C)

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

Auto-ignition temperature (°C)

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

Lower and upper explosion limit (% v/v)

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

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient

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

Solubility in fat (g/L)

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

9.2. Other information

Other physical and chemical parameters

No data available.

Oxidizing properties

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

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

None known.

10.4. Conditions to avoid

None known.

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

| | |
|--------------------|-----------------|
| Product/substance | Phosphoric acid |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 2600 mg /kg · |

| | |
|--------------------|-----------------|
| Product/substance | Phosphoric acid |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | 2740 mg/kg · |

| | |
|-------------------|-----------------|
| Product/substance | Phosphoric acid |
|-------------------|-----------------|

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

| | |
|--------------------|------------|
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | 850 mg/l · |

| | |
|--------------------|-------------|
| Product/substance | oxalic acid |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 375 mg/kg · |

| | |
|--------------------|---------------------------|
| Product/substance | 2-,Hydroxy,propanoic,acid |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 4875 mg/kg · |

| | |
|--------------------|---------------------------|
| Product/substance | 2-,Hydroxy,propanoic,acid |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 3730 mg/kg · |

| | |
|--------------------|-------------------------|
| Product/substance | dodecyldimethylaminoxid |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 3600 mg/kg · |

Skin corrosion/irritation

Causes skin irritation.

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.

11.2. Information on other hazards

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Endocrine disrupting properties

This mixture/product does not contain any substances considered to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|-----------------|
| Product/substance | Phosphoric acid |
| Species: | Crustacean |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

| | |
|-------------------|---------------------------|
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | > 100 mg/l · |
| Product/substance | Phosphoric acid |
| Species: | Algae |
| Duration: | 72 hours |
| Test: | EC50 |
| Result: | > 100 mg/l · |
| Product/substance | oxalic acid |
| Species: | Fish |
| Duration: | 48 hours |
| Test: | LC50 |
| Result: | 160 mg/l · |
| Product/substance | oxalic acid |
| Species: | Daphnia |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 137 mg/l · |
| Product/substance | 2-,Hydroxy,propanoic,acid |
| Species: | Fish |
| Duration: | 48 hours |
| Test: | LC50 |
| Result: | 320 mg/l · |
| Product/substance | 2-,Hydroxy,propanoic,acid |
| Species: | Daphnia |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 240 mg/l · |
| Product/substance | 2-,Hydroxy,propanoic,acid |
| Species: | Fish |
| Duration: | No data available. |
| Test: | EC50 |
| Result: | 3500 mg/l · |
| Product/substance | dodecyldimethylaminoxid |
| Species: | Algae |
| Duration: | 72 hours |
| Test: | LC50 |
| Result: | 0,86 mg/kg · |
| Product/substance | dodecyldimethylaminoxid |
| Species: | Fish |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 1-10 mg/l · |
| Product/substance | dodecyldimethylaminoxid |
| Species: | Daphnia |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 1-10 mg/ · |
| Product/substance | 2-(2-butoxyethoxy)ethanol |
| Species: | Fish |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 2500 mg/l · |
| Product/substance | 2-(2-butoxyethoxy)ethanol |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

| | |
|-----------|-------------|
| Species: | Daphnia |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 1000 mg/l · |

12.2. Persistence and degradability

| | |
|-------------------|-----------------|
| Product/substance | Phosphoric acid |
| Biodegradable: | Yes |

| | |
|-------------------|-------------|
| Product/substance | oxalic acid |
| Biodegradable: | Yes |

| | |
|-------------------|---------------------------|
| Product/substance | 2-,Hydroxy,propanoic,acid |
| Biodegradable: | Yes |
| Test method: | OECD 301 D |
| Result: | 88% |

| | |
|-------------------|-------------------------|
| Product/substance | dodecyldimethylaminoxid |
| Biodegradable: | Yes |
| Test method: | OECD 301 D |
| Result: | 83,5% |

| | |
|-------------------|---------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol |
| Biodegradable: | Yes |
| Test method: | OECD 301 E |
| Result: | >70% |

12.3. Bioaccumulative potential

| | |
|----------------------------|--------------------|
| Product/substance | Phosphoric acid |
| Potential bioaccumulation: | No |
| LogPow: | -2,1500 |
| BCF: | No data available. |

| | |
|----------------------------|--------------------|
| Product/substance | oxalic acid |
| Potential bioaccumulation: | No |
| LogPow: | No data available. |
| BCF: | No data available. |

| | |
|----------------------------|---------------------------|
| Product/substance | 2-,Hydroxy,propanoic,acid |
| Potential bioaccumulation: | No |
| LogPow: | -1,7200 |
| BCF: | No data available. |

| | |
|----------------------------|-------------------------|
| Product/substance | dodecyldimethylaminoxid |
| Potential bioaccumulation: | No |
| LogPow: | 2,7000 |
| BCF: | No data available. |

| | |
|----------------------------|---------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol |
| Potential bioaccumulation: | No |
| LogPow: | 0,5600 |
| BCF: | No data available. |

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. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 8 – Corrosive

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

EWC code

20 01 14* Acids

Waste group H:

Waste with low energy content

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 | 3265 | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Oxalic acid, Phosphoric acid) | Transport hazard class: 8 Label: 8 Classification code: C3 | III | No | Limited quantities: 5 L Tunnel restriction code: 3 (E) See below for additional information. |
| IMDG | 3265 | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Oxalic acid, Phosphoric acid) | Transport hazard class: 8 Label: 8 Classification code: C3 | III | No | Limited quantities: 5 L EmS: F-A S-B See below for additional information. |
| IATA | 3265 | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Oxalic acid, Phosphoric acid) | Transport hazard class: 8 Label: 8 Classification code: C3 | III | No | See below for additional information. |

* Packing group

** Environmental hazards

Additional information

ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

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.

People under the age of 18 shall not be exposed to this product.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

REACH, Annex XVII

2-(2-butoxyethoxy)ethanol is subject to REACH restrictions, REACH annex XVII (entry 55).

Product registration number

Pr.Nr 2450954

Additional information

Not applicable.

Sources

The Danish Working Environment Authority's executive order no. 239 of 6 April 2005 on young people's work.

Based on Council Directive 94/33 / EC of 22 June 1994 on the protection of young people at work.

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

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H290, Corrosive to the respiratory tract.

H290, May be corrosive to metals.

H302, Harmful if swallowed.

H312, Harmful in contact with skin.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H400, Very toxic to aquatic life.

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 (European conformity)

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

EuPCS = European Product Categorisation System

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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

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

▼ The safety data sheet is validated by

LEJ

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.

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