according to Regulation (EC) No. 1907/2006



FORYL LHC

DRP0145DE

| Version | Revision Date: | Date of last issue: 24.11.2022 |
|---------|----------------|---------------------------------|
| 4.1 | 13.06.2023 | Date of first issue: 21.02.2012 |

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

1.1 Product identifier

| Trade name | : | FORYL LHC | DRP0145DE |
|------------------------------------|---|---------------------|-----------|
| Product code | : | 00000000010030167 | |
| Unique Formula Identifier (UFI) | : | Q171-J0FC-J008-3SRU | |

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

| Use of the Sub- | : Le | _eather Auxiliary, Raw material for industry | |
|-----------------|------|--|--|
| stance/Mixture | | | |

1.3 Details of the supplier of the safety data sheet

| | 200000 01 010 00 00 pp.101 01 010 | | | | - THE OWNER AND A DESCRIPTION OF A DESCRIPTION OF A |
|-----|-----------------------------------|----|---|--|---|
| | Company | : | Pulcra Chemicals GmbH Isardamm 79 - 83 | Bauer Handels G | GmbH |
| | | | 82538 Geretsried Germany | Vertrieb Schweiz: Bauer Handels GmbH Allmendstrasse 17 | Vertrieb Deutschland & EU: Bauer Handels GmbH Freibühlstrasse 6 |
| | Telephone | : | +49 8171 628-200 | CH-8320 Fehraltorf Tel. +41 (0) 44 939 18 68 | DE-78224 Singen Tel.+49 (0) 7731 926 44 16 |
| | Responsible/issuing person | : | MSDS-DE@pulcrachem.com | Tel. +41 (0) 44 939 18 08 | 101.+49 (0) 7731 920 44 10 |
| | | | | www.taxidermy.ch | info@taxidermy.ch |
| 1.4 | Emergency telephone numbe | er | | | |
| | Telephone | : | GBK GmbH 24H Emergency T +49 6132 84463 | elephone Number | |
| | | : | World directory of poison centri https://apps.who.int/poisoncent | | |

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

| Classification (REGULATION (EC) No 1272/2008) | | | | |
|---|---|--|--|--|
| Serious eye damage, Category 1 | H318: Causes serious eye damage. | | | |
| Short-term (acute) aquatic hazard, Cate- gory 1 | H400: Very toxic to aquatic life. | | | |
| Long-term (chronic) aquatic hazard, Cat- egory 3 | H412: Harmful to aquatic life with long lasting ef- fects. | | | |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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| Hazard pictograms | : | ll y | |
| Signal word | : | Dange | r |
| Hazard statements | : | H318 H410 | Causes serious eye damage. Very toxic to aquatic life with long lasting effects. |
| Precautionary statements | : | Preve P273 P280 | Avoid release to the environment. |
| | | with was sent a | + P351 + P338 + P310 IF IN EYES: Rinse cautiously ater for several minutes. Remove contact lenses, if pre- nd easy to do. Continue rinsing. Immediately call a DN CENTER/ doctor. |
| | | Dispo | |
| | | P501 dispos | Dispose of contents/ container to an approved waste al plant. |

Hazardous components which must be listed on the label:

Alcohols C12-14, ethoxylated

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature

: Mixture

Alcohols, linear, ethoxylated additives

Components

| | CAS-No. EC-No. Index-No. | Classification | Concentration (% w/w) |
|--|--------------------------------|----------------|--------------------------|
|--|--------------------------------|----------------|--------------------------|

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| | Registration number | | |
|------------------------------|---------------------------------------|----------------------|--------------|
| | , , , , , , , , , , , , , , , , , , , | | |
| Alcohols C12-14, ethoxylated | 68439-50-9 | Eye Dam. 1; H318 | >= 70 - < 90 |
| | | Aquatic Acute 1; | |
| | Dalamaan | • | |
| | Polymer | H400 | |
| | | Aquatic Chronic 3; | |
| | | H412 | |
| | | 11712 | |
| | | | |
| | | M-Factor (Acute | |
| | | aquatic toxicity): 1 | |
| 2-methylpentane-2,4-diol | 107-41-5 | Eye Irrit. 2; H319 | >= 1 - < 3 |
| | 203-489-0 | Skin Irrit. 2; H315 | |
| | 603-053-00-3 | Repr. 2; H361d | |
| | 01-2119539582-35 | | |

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

| General advice : | First aider needs to protect himself. Move out of dangerous area. Do not leave the victim unattended. Symptoms may be delayed. Get medical attention immediately. Show this safety data sheet to the doctor in attendance. Take off contaminated clothing and shoes immediately. |
|---------------------------|---|
| If inhaled : | Move to fresh air. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician immediately. Contact a poison control center. |
| In case of skin contact : | Wash with plenty of soap and water. Cover wound with sterile dressing. Take off contaminated clothing and shoes immediately. Call a physician immediately. |
| In case of eye contact : | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If easy to do, remove contact lens, if worn. Protect unharmed eye. Continue rinsing eyes during transport to hospital. Get medical attention immediately. |
| If swallowed : | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.IF SWALLOWED: Immediately call a POISON CENTER/ doctor.If a person vomits when lying on his back, place him in the recovery position.Get medical attention immediately.Contact a poison control center. |

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| 4.2 Most important symptoms a | nd e | | ayed |
| Symptoms | : | No information available. | |
| Risks | : | No information available. | |
| 4.3 Indication of any immediate | me | dical attention and special | treatment needed |
| Treatment | : | Treat symptomatically. Basic medical care. | |
| SECTION 5: Firefighting mea | sur | es | |
| 5.1 Extinguishing media | | | |
| Suitable extinguishing media | : | Product is compatible with | standard fire-fighting agents. |
| Unsuitable extinguishing media | : | High volume water jet | |
| 5.2 Special hazards arising from | the | e substance or mixture | |
| Specific hazards during fire- | : | | ream as it may scatter and spread |
| fighting | | fire. Hazardous decomposition | products formed under fire condi- |
| | | tions. Exposure to decomposition | products may be a hazard to |
| | | health. | |
| 5.3 Advice for firefighters | | | |
| Special protective equipment for firefighters | : | | ing apparatus for firefighting if nec- ctive equipment as required. |
| Further information | : | Standard procedure for che | emical fires. |
| | | Evacuate area. Use extinguishing measure | es that are appropriate to local cir- |
| | | cumstances and the surrou Pay attention to flashback. | |
| | | In the event of fire and/or e | xplosion do not breathe fumes. |
| | | Collect contaminated fire ex must not be discharged into | xtinguishing water separately. This o drains. |
| | | | ated fire extinguishing water must |
| | | De disposed of in accoludit | |

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| Personal precautions | : | Evacuate area. |
|----------------------|---|---|
| | | Immediately evacuate personnel to safe areas. |
| | | First aider needs to protect himself. |
| | | Use personal protective equipment. |
| | | Avoid contact with skin, eyes and clothing. |
| | | |

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| | proved filter. In the case of dust of approved filter. Material can create Forms slippery/grea Take precautionary | ur formation use a respirator with an ap- or aerosol formation use respirator with an |
| 6.2 Environmental precautions | 5 | |
| Environmental precautions | Do not allow contac Prevent further leak If the product conta respective authoritie | rface water or sanitary sewer system. It with soil, surface or ground water. Tage or spillage if safe to do so. Ininates rivers and lakes or drains inform |
| 6.3 Methods and material for c | ontainment and cleaning | l nb |
| Methods for cleaning up | acid binder, univers Keep in suitable, clo Clean contaminated | osed containers for disposal. I surface thoroughly. be collected mechanically (remove by |

6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

| Technical measures | : | Ground and bond container and receiving equipment. Technical measures and the application of appropriate work- ing methods take precedence over the use of personal protec- tive equipment. |
|-------------------------|---|--|
| Local/Total ventilation | : | Use only with adequate ventilation. |
| Advice on safe handling | : | For personal protection see section 8. Avoid inhalation, ingestion and contact with skin and eyes. Do not breathe vapours or spray mist. Avoid release to the environment. Keep container tightly closed. Wash face, hands and any exposed skin thoroughly after handling. Ensure that eye flushing systems and safety showers are located close to the working place. |

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| | Flo | oors, walls and other surf | aces must be regularly cleaned. |
| Advice on protection against fire and explosion | ma | ation of aerosol. Keep aw | ntive fire protection. Avoid for- ay from heat and sources of igni- easures against static discharge. |
| Hygiene measures | pra us an wo no | actice. Avoid contact with sing do not eat, drink or sr nd at the end of workday. ork area and clothing. Co ot be allowed out of the wo | good industrial hygiene and safety skin, eyes and clothing. When noke. Wash hands before breaks Regular cleaning of equipment, ntaminated work clothing should orkplace. Store personal protection on away from the work area. |
| Dust explosion class | : No | ot applicable | |
| 7.2 Conditions for safe storage | , includi | ing any incompatibilities | 5 |
| Requirements for storage areas and containers | ve | | eed in a dry, cool and well- y from heat and sources of ignition. Stir before use. |
| Further information on stor- age conditions | | o not store in or use conta ackage. | ainers except the original product |
| Advice on common storage | Ke | | drink. agents, strongly alkaline and strong- avoid exothermic reactions. |
| Storage class (TRGS 510) | : 10 |) | |
| Recommended storage tem- perature | : 5- | - 35 °C | |
| Further information on stor- age stability | : No | o decomposition if stored | and applied as directed. |
| 7.3 Specific end use(s) Specific use(s) | | or further information, refe leet. | r to the product technical data |

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name | End Use | Exposure routes | Potential health ef- fects | Value |
|------------------------------|---------|-----------------|-------------------------------|-------------|
| 2-methylpentane-2,4- diol | Workers | Inhalation | Long-term systemic effects | 44,43 mg/m3 |

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| Workers | Inhalation | Acute local effects | 98 mg/m3 |
|-----------|--------------|-------------------------------|----------------------|
| Workers | Inhalation | Long-term local ef- fects | 49 mg/m3 |
| Workers | Skin contact | Long-term systemic effects | 63 mg/kg bw/day |
| Consumers | Skin contact | Long-term systemic effects | 22,5 mg/kg bw/day |
| Consumers | Oral | Long-term systemic effects | 2,25 mg/kg bw/day |
| Consumers | Inhalation | Acute local effects | 49 mg/m3 |
| Consumers | Inhalation | Long-term systemic effects | 7,83 mg/m3 |
| Consumers | Inhalation | Long-term local ef- fects | 25 mg/m3 |

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name | Environmental Compartment | Value |
|--------------------------|---------------------------|----------------------------------|
| 2-methylpentane-2,4-diol | Fresh water | 0,429 mg/l |
| | Marine water | 0,0429 mg/l |
| | Fresh water sediment | 1,79 mg/kg dry weight (d.w.) |
| | Marine sediment | 0,179 mg/kg dry weight (d.w.) |
| | Sewage treatment plant | 20 mg/l |
| | Soil | 0,11 mg/kg dry weight (d.w.) |
| | Intermittent use/release | 4,29 mg/l |

Lead componentsLCID method

| Component Type | Value type | Component | Remarks |
|-------------------|---------------------|---|--------------|
| Lead substance(s) | aquatic environment | Alcohols C12-14, eth- | |
| | | oxylated | |
| Lead substance(s) | ozone layer | | Not relevant |
| Lead substance(s) | Inhalation | | Not relevant |
| Lead substance(s) | Dermal | | Not relevant |
| Lead substance(s) | Oral | | Not relevant |
| Local effects | Skin | 2- methylpen- tane-2,4-diol | applicable |
| Local effects | Inhalation | | Not relevant |
| Local effects | Eyes | Alcohols C12-14, eth- oxylated, 2- methylpen- tane-2,4-diol | applicable |

8.2 Exposure controls

Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

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| Eye/face protection | : | | full face protection if there is a the face with dusts, mists, or |
| Hand protection Material | : | Protective gloves complying | y with EN 374. |
| Remarks | : | breaks and at the end of wo ed and replaced if there is a chemical breakthrough. The place should be discussed w tive gloves. Please observe meability and breakthrough supplier of the gloves. Also ic local conditions under wh the danger of cuts, abrasion | prior to use. Wash hands before orkday. Gloves should be discard- iny indication of degradation or a suitability for a specific work- with the producers of the protec- the instructions regarding per- time which are provided by the take into consideration the specif- ich the product is used, such as a, and the contact time. When eat resistant gloves. Splash ex- |
| Skin and body protection | : | centration of the dangerous Additional body garments sl | cording to the amount and con- substance at the work place. hould be used based upon the sleevelets, apron, gauntlets, dis- osed skin surfaces. |
| Respiratory protection | ÷ | In case of mist, spray or aer sonal respiratory protection Suitable respiratory equipm | ent: i filter for vapour/particulate (EN |
| Filter type | : | Combined particulates, inor monia/amines and organic | ganic and acidic gas/vapour, am- vapour type (ABEK-P) |
| Protective measures | : | Handle in accordance with g practice. Follow the skin protection pl | good industrial hygiene and safety lan. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Physical state | : | liquid |
|----------------|---|--------|
| Colour | : | blue |

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|---|--|---|
| Odour | : perfumed | |
| Odour Threshold | : No data available | |
| Melting point/range | : ca5 °C | |
| Boiling point/boiling range | : ca. 100 °C | |
| Upper explosion limit / Upper flammability limit | 7,4 %(V) Solvent | |
| Lower explosion limit / Lower flammability limit | : 1,3 %(V) Solvent | |
| Flash point | : ca. 151 °C Expert judgement | |
| Auto-ignition temperature | : No data available | |
| Decomposition temperature | : No data available | |
| рН | : ca. 6 (20 °C) Concentration: 100 % | |
| Viscosity Viscosity, dynamic | : ca. 200 mPa.s (20 °C) | |
| Viscosity, kinematic | : ca. 200 mm2/s (20 °C) Method: Calculation met | thod |
| Solubility(ies) Water solubility Solubility in other solvents | : (20 °C) in all proportions : No data available | |
| Partition coefficient: n- octanol/water | : study technically not fea See ingredient/ingredien | |
| Self-ignition | : Not applicable | |
| Vapour pressure | : ca. 23 hPa (20 °C) aqueous phase | |
| Relative density | : ca. 0,98 (20 °C) Method: Calculation met | thod |
| Density | : ca. 0,98 g/cm3 (20 °C) | |
| Relative vapour density | : Vapours are heavier tha Solvent Expert judgement | n air and may spread along floors. |

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|-------------------------------------|------------------------------|---|
| 9.2 Other information Explosives | : Not applicable | |
| Oxidizing properties | : No data available | |
| Flammability (liquids) | : Ignitable (see flash poin | it) |
| Dust explosion class | : Not applicable | |
| Evaporation rate | : No data available | |
| Surface tension | : No data available | |
| | | |

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

| Hazardous reactions | : Avoid radical-forming starting agents, peroxides and reactive metals.No decomposition if stored and applied as directed. |
|--------------------------|--|
| 10.4 Conditions to avoid | |
| Conditions to avoid | : Protect from contamination. Extremes of temperature and direct sunlight. |

10.5 Incompatible materials

| Materials to avoid | : | Strong oxidizing agents |
|--------------------|---|-------------------------|
| | | Strong reducing agents |

10.6 Hazardous decomposition products

| Thermal decomposition : | No decomposition if stored and applied as directed. Thermal decomposition can lead to release of irritating gases and vapours. In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO2), carbon monoxide (CO), oxides of ni- trogen (NOx), dense black smoke. Other hazardous decomposition products may be formed. |
|-------------------------|--|
| Thermal decomposition : | No decomposition if stored and applied as directed. Thermal decomposition can lead to release of irritating gases and vapours. In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO2), carbon monoxide (CO), oxides of ni- trogen (NOx), dense black smoke. Other hazardous decomposition products may be formed. |

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SECTION 11: Toxicological information

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

| Acute toxicity | | |
|-----------------------------|-----|---|
| Product: | | |
| Acute oral toxicity | : | LD50: > 2.000 mg/kg Method: Acute toxicity estimate |
| Acute inhalation toxicity | : | No data available |
| Acute dermal toxicity | : | No data available |
| <u>Components:</u> | | |
| Alcohols C12-14, ethoxylate | ed: | |
| Acute oral toxicity | : | LD50 (Rat): > 5.000 mg/kg Method: No information available. GLP: No information available. Information taken from reference works and the literature. |
| Acute inhalation toxicity | : | No data available |
| Acute dermal toxicity | : | LD50 (Rabbit): > 5.000 mg/kg Method: No information available. GLP: No information available. Information taken from reference works and the literature. |
| 2-methylpentane-2,4-diol: | | |
| Acute oral toxicity | : | LD50 (Rat, male and female): > 2.000 mg/kg Method: OECD Test Guideline 420 GLP: yes Information taken from reference works and the literature. |
| Acute inhalation toxicity | : | LC50 (Rat): > 66 ppm Exposure time: 8 h Test atmosphere: vapour Method: No information available. GLP: no Information taken from reference works and the literature. |
| Acute dermal toxicity | : | LD50 (Rat, male and female): > 2.000 mg/kg Method: OECD Test Guideline 402 GLP: yes Information taken from reference works and the literature. |

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| Skin corrosion/irrita | ation | |
| Product: | | |
| Remarks | : No data available | |
| Components: | | |
| Alcohols C12-14, et | hoxvlated: | |
| Species | : Humans | |
| Assessment | : No skin irritation | |
| Method | : Human patch test | |
| Result | : No skin irritation | |
| GLP | : No information avail | able. |
| Remarks | : CESIO recommenda | ations for the harmonized classification |
| | and labelling of surface | actants |
| | Information given is | based on data obtained from similar su |
| | stances. | |
| 2-methylpentane-2, | 4-diol: | |
| Species | : Rabbit | |
| Assessment | : No skin irritation | |
| Method | : OECD Test Guidelir | าย 404 |
| Result | : Mild skin irritation | |
| GLP | : yes | |
| | | |
| Remarks | | om reference works and the literature. |
| Serious eye damag | : Information taken fro | |
| Serious eye damag | : Information taken fro | |
| Serious eye damag | : Information taken fro | |
| Serious eye damag <u>Product:</u> Remarks | : Information taken fro e/eye irritation : Causes serious eye | |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> | : Information taken fro e/eye irritation : Causes serious eye | |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, ef Species Assessment | : Information taken fro e/eye irritation : Causes serious eye thoxylated: : Rabbit : Causes serious eye | damage. |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, ef Species Assessment Method | : Information taken fro e/eye irritation : Causes serious eye thoxylated: : Rabbit : Causes serious eye : Draize Test | damage. damage. |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, ef Species Assessment Method Result | : Information taken fro e/eye irritation : Causes serious eye :hoxylated: : Rabbit : Causes serious eye : Draize Test : Irreversible effects of | damage. damage. on the eye |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, et Species Assessment Method Result GLP | : Information taken fro e/eye irritation : Causes serious eye :hoxylated: : Rabbit : Causes serious eye : Draize Test : Irreversible effects o : No information avail | damage. damage. on the eye able. |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, ef Species Assessment Method Result | : Information taken fro e/eye irritation : Causes serious eye :hoxylated: : Rabbit : Causes serious eye : Draize Test : Irreversible effects o : No information avail : CESIO recommend | damage. damage. on the eye able. ations for the harmonized classification |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, et Species Assessment Method Result GLP | : Information taken fro e/eye irritation : Causes serious eye :hoxylated: : Rabbit : Causes serious eye : Draize Test : Irreversible effects of : No information avail : CESIO recommend and labelling of surf | damage. damage. on the eye able. ations for the harmonized classification actants |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, et Species Assessment Method Result GLP | : Information taken fro e/eye irritation : Causes serious eye :hoxylated: : Rabbit : Causes serious eye : Draize Test : Irreversible effects of : No information avail : CESIO recommendation divention given is | damage. damage. on the eye able. ations for the harmonized classification actants |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, et Species Assessment Method Result GLP | : Information taken fro e/eye irritation : Causes serious eye :hoxylated: : Rabbit : Causes serious eye : Draize Test : Irreversible effects of : No information avail : CESIO recommend and labelling of surf | damage. damage. on the eye able. ations for the harmonized classification |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, ef Species Assessment Method Result GLP Remarks 2-methylpentane-2, | Information taken from taken from taken from taken from taken in taken from taken in taken from taken in taken from taken in taken in | damage. damage. on the eye able. ations for the harmonized classification actants |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, ef Species Assessment Method Result GLP Remarks 2-methylpentane-2, Species | Information taken from taken from taken from taken from taken in the series of the seri | damage. damage. on the eye able. ations for the harmonized classification actants |
| Serious eye damag <u>Product:</u> Remarks <u>Components:</u> Alcohols C12-14, ef Species Assessment Method Result GLP Remarks <u>2-methylpentane-2,</u> Species Exposure time | Information taken from taken from taken from taken from taken in taken from taken in taken from taken in ta | damage. damage. on the eye able. ations for the harmonized classification actants based on data obtained from similar su |
| Serious eye damag Product: Remarks Components: Alcohols C12-14, ef Species Assessment Method Result GLP Remarks 2-methylpentane-2, Species Exposure time Assessment | Information taken from taken from taken from taken in taken from taken in taken | damage. damage. on the eye able. ations for the harmonized classification actants based on data obtained from similar su |
| Serious eye damag Product: Remarks Components: Alcohols C12-14, ef Species Assessment Method Result GLP Remarks 2-methylpentane-2, Species Exposure time Assessment Method | Information taken from taken from taken from taken from taken in taken from taken in taken from taken in ta | damage. damage. on the eye able. ations for the harmonized classification actants based on data obtained from similar su |
| Serious eye damag Product: Remarks Components: Alcohols C12-14, ef Species Assessment Method Result GLP Remarks 2-methylpentane-2, Species Exposure time Assessment | Information taken from taken from taken from taken in taken from taken in taken | damage. damage. on the eye able. ations for the harmonized classification actants based on data obtained from similar su |

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| Remarks | : Information taken | from reference works and the literature. | |
| Respiratory or skin sensitis | ensitisation | | |
| Product: | | | |
| Remarks | : No data available | | |
| Components: | | | |
| Alcohols C12-14, ethoxylate | d: | | |
| Test Type | : Buehler Test | | |
| Exposure routes | : Skin contact | | |
| Species | : Guinea pig | | |
| Assessment | | sitisation on laboratory animals. | |
| Method | : OECD Test Guide | eline 406 | |
| Result | : negative | | |
| GLP | : No information av | ailable. | |
| Remarks | | from reference works and the literature. is based on data obtained from similar s | |
| 2-methylpentane-2,4-diol: | | | |
| Test Type | : Maximisation Tes | t | |
| Species | : Guinea pig | | |
| Assessment | | sitisation on laboratory animals. | |
| Method | : OECD Test Guide | eline 406 | |
| Result | : negative | | |
| GLP | : yes | | |
| Remarks | : Information taken | from reference works and the literature. | |
| Germ cell mutagenicity | | | |
| Product: | | | |
| Genotoxicity in vitro | : No data available | | |
| Genotoxicity in vivo | : No data available | | |
| Germ cell mutagenicity- As- sessment | : No data available | | |
| <u>Components:</u> | | | |
| Alcohols C12-14, ethoxylate | d: | | |
| Genotoxicity in vitro | | nonella typhimurium on: with and without metabolic activation est Guideline 471 | |

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| rsion | | ision Date: 06.2023 | Date of last issue: 24.11.2022 Date of first issue: 21.02.2012 |
|---|------|---|---|
| | | | rom reference works and the literature. based on data obtained from similar sub- |
| Genotoxicity in vivo | : | No data available | |
| Germ cell mutagenicity- As- sessment | : | No data available | |
| 2-methylpentane-2,4-diol: | | | |
| Genotoxicity in vitro | : | Method: OECD Tes Result: negative GLP: yes | onella typhimurium n: with and without metabolic activation |
| | | Test Type: Chromo Test system: Chine Metabolic activation Method: OECD Tes Result: negative GLP: yes | some aberration test in vitro se hamster ovary cells n: with and without metabolic activation |
| | | Test system: mouse Metabolic activation Method: OECD Tes Result: negative GLP: yes | n: with and without metabolic activation |
| Genotoxicity in vivo | : | No data available | |
| Germ cell mutagenicity- As- sessment | : | In vitro tests did not | t show mutagenic effects |
| Carcinogenicity | | | |
| Product: | | | |
| Remarks | : | No data available | |
| Carcinogenicity - Assess- ment | : | No data available | |
| <u>Components:</u> | | | |
| Alcohols C12-14, ethoxyla | ted: | | |
| Remarks | : | No data available | |

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|---|---|---|
| Carcinogenicity - Assess- ment | : No data ava | ilable |
| 2-methylpentane-2,4-diol: Remarks | : No data ava | ilable |
| Carcinogenicity - Assess- ment | : No data ava | ilable |
| Reproductive toxicity | | |
| <u>Product:</u> Effects on fertility | : No data ava | ilable |
| Effects on foetal develop- ment | : No data ava | ilable |
| Reproductive toxicity - As- sessment | : No data ava | ilable |
| Components: | | |
| Alcohols C12-14, ethoxyla | ted: | |
| Effects on fertility | | ilable |
| Effects on foetal develop- ment | : No data ava | ilable |
| Reproductive toxicity - As- sessment | : No data ava | ilable |
| 2-methylpentane-2,4-diol: | | |
| Effects on fertility | Application I General Tox General Tox Fertility: NO Target Orga Method: OE GLP: yes | kicity - Parent: NOAEL: > 200 mg/kg bw/day kicity F1: NOAEL: 500 mg/kg bw/day AEL: 1.000 mg/kg bw/day |
| | Application I General Tox General Tox General Tox Symptoms: Target Orga | t, male and female Route: Oral xicity - Parent: NOAEL: 800 mg/kg bw/day xicity F1: NOAEL: 250 mg/kg bw/day xicity F2: NOAEL: 250 mg/kg bw/day Effects on reproduction parameters ns: Kidney, Liver CD Test Guideline 443 |

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|---|-----------|--|--|
| | | Information taken from re | ference works and the literature. |
| Effects on foetal develop- ment | : | Embryo-foetal toxicity: NC Symptoms: Skeletal malfo Method: OECD Test Guid GLP: yes | ormations |
| | | Embryo-foetal toxicity: NC Method: OECD Test Guid GLP: yes | |
| Reproductive toxicity - As- sessment | : | No evidence of adverse e or on development, based | ffects on sexual function and fertility, I on animal experiments. |
| STOT - single exposure | | | |
| <u>Product:</u> Remarks | : | No data available | |
| Components: | | | |
| Alcohols C12-14, ethoxyla Remarks | ted: | No data available | |
| Kemarka | · | | |
| 2-methylpentane-2,4-diol: Remarks | : | No data available | |
| STOT - repeated exposure | | | |
| <u>Product:</u> Remarks | : | No data available | |
| <u>Components:</u> | | | |
| Alcohols C12-14, ethoxyla Remarks | ted: : | No data available | |
| 2-methylpentane-2,4-diol: Remarks | : | No data available | |

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|------|-------------------------------|---------------------------------------|---|
| | Repeated dose toxicity | | |
| | Product: | | |
| | Remarks | : No data available | |
| | <u>Components:</u> | | |
| | Alcohols C12-14, ethoxylate | ed: | |
| | Remarks | : No data available | |
| | 2 mathulnantana 2.4 dialu | | |
| | 2-methylpentane-2,4-diol: | . Dot male and female | |
| | Species NOAEL | : Rat, male and female : 450 mg/kg | |
| | Application Route | : Oral | |
| | Exposure time | : 90 d | |
| | Control Group | : yes | |
| | Method | : OECD Test Guideline 408 | |
| | GLP | : yes | |
| | Remarks | | erence works and the literature. |
| | Aspiration toxicity | | |
| | Product: | | |
| | | | |
| | No data available | | |
| | Components: | | |
| | Alcohols C12-14, ethoxylate | ed: | |
| | | | |
| | 2-methylpentane-2,4-diol: | | |
| | No data available | | |
| 11 : | 2 Information on other hazard | te | |
| | | | |
| | Endocrine disrupting prope | rties | |
| | Product: | | |
| | Assessment | : The substance/mixture doe | es not contain components consid- |
| | | | rupting properties according to |
| | | | mmission Delegated regulation |
| | | | ssion Regulation (EU) 2018/605 at |
| | | levels of 0.1% or higher. | |
| | Components: | | |
| | | | |
| | Alcohols C12-14, ethoxylate | ed: | |
| | Remarks | : No data available | |
| | | | |
| | | | |

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|----------------------------|------------------------------|---|
| 2-methylpentane-2,4-di | ol: | |
| Remarks | : No data available | |
| Experience with human | n exposure | |
| Product: | | |
| General Information | : No data available | |
| Inhalation | : No data available | |
| Skin contact | : No data available | |
| Eye contact | : No data available | |
| Ingestion | : No data available | |
| Components: | | |
| Alcohols C12-14, ethox | ylated: | |
| General Information | : No data available | |
| Inhalation | : No data available | |
| Skin contact | : No data available | |
| Eye contact | : No data available | |
| Ingestion | : No data available | |
| 2-methylpentane-2,4-di | ol: | |
| General Information | : No data available | |
| Inhalation | : No data available | |
| Skin contact | : No data available | |
| Eye contact | : No data available | |
| Ingestion | : No data available | |
| Neurological effects | | |
| <u>Product:</u> Remarks | : No data available | |
| Components: | | |
| Alcohols C12-14, ethox | ylated: | |
| Remarks | : No data available | |

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|---|------------------------------|--|--|
| 2-methylpentane-2,4-diol: Remarks | : No data available | | |
| Further information <u>Product:</u> Remarks | on its components. | lealth hazard information is based s of this material have not been fully | |

SECTION 12: Ecological information

12.1 Toxicity

| Product: | | |
|---|---|-------------------|
| Toxicity to fish | : | No data available |
| Toxicity to daphnia and other aquatic invertebrates | : | No data available |
| Toxicity to algae/aquatic plants | : | No data available |
| Toxicity to fish (Chronic tox- icity) | : | No data available |
| Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity) | : | No data available |
| Toxicity to microorganisms | : | No data available |
| Toxicity to soil dwelling or- ganisms | : | No data available |
| Plant toxicity | : | No data available |
| Sediment toxicity | : | No data available |
| Toxicity to terrestrial organ- isms | : | No data available |
| • | | |

Components:

| Alcohols C12-14, ethoxylated | : | |
|------------------------------|---|--|
| Toxicity to fish | : | LC50 (Danio rerio (zebra fish)): 2 mg/l Exposure time: 96 h Method: ISO 7346/2 |

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|---|---|--|
| | GLP: yes Information taken from ref | ference works and the literature. |
| Toxicity to daphnia and other aquatic invertebrates | Exposure time: 48 h Test Type: static test Method: DIN 38412 GLP: yes | Vater flea)): 1,2 mg/l ference works and the literature. |
| Toxicity to algae/aquatic plants | mg/l End point: Biomass Exposure time: 72 h Test Type: static test Method: DIN 38412 GLP: yes | a subcapitata (green algae)): 0,7 ference works and the literature. |
| M-Factor (Acute aquatic tox- icity) | : 1 | |
| Toxicity to microorganisms | : EC0 (Pseudomonas putid Exposure time: 30 min Method: DIN 38412 GLP: yes Information taken from ref | a): 10 mg/l ference works and the literature. |
| Toxicity to fish (Chronic tox- icity) | : NOEC: > 0,1 - 1 mg/l Species: Fish Method: No information av GLP: No information avail CESIO recommendations and labelling of surfactant | able. for the harmonized classification |
| Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity) | : No data available | |
| Toxicity to soil dwelling or- ganisms | : No data available | |
| Plant toxicity | : No data available | |
| Sediment toxicity | : No data available | |
| Toxicity to terrestrial organ- isms | : No data available | |
| 2-methylpentane-2,4-diol: Toxicity to fish | : LC50 (Carassius auratus Exposure time: 96 h Test Type: flow-through te | |

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|---|---|--|---|
| | | Method: OECD Test Guideli GLP: no Information taken from refere | ne 203 ence works and the literature. |
| | | LC50 (Danio rerio (zebra fisl Exposure time: 96 h Method: ISO 7346/2 GLP: no Information taken from refere | h)): > 1.000 mg/l ence works and the literature. |
| Toxicity to daphnia and other aquatic invertebrates | - | EC50 (Daphnia magna (Wat Exposure time: 48 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideli GLP: no Information taken from refere | |
| Toxicity to algae/aquatic plants | | mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideli GLP: yes | subcapitata (green algae)): > 429 ne 201 ence works and the literature. |
| Toxicity to microorganisms | | NOEC (Bacteria): >= 200 m Exposure time: 10 d Method: No information avai GLP: No information availab Information taken from refere | ilable. |
| Toxicity to fish (Chronic tox- icity) | : | No data available | |
| Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity) | | No data available | |
| Toxicity to soil dwelling or- ganisms | : | No data available | |
| Plant toxicity | : | No data available | |
| Sediment toxicity | : | No data available | |
| Toxicity to terrestrial organ- isms | : | No data available | |

12.2 Persistence and degradability

Product:

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|--|----|---|---|
| Biodegradability | : | achieve > 60% BOD/COD or reduction in tests for ease of for 'readily degradable' (e.g. | on data on the components and |
| Biochemical Oxygen De- mand (BOD) | : | No data available | |
| Chemical Oxygen Demand (COD) | : | No data available | |
| BOD/COD | : | No data available | |
| Physico-chemical removabil- ity | : | No data available | |
| Stability in water | : | No data available | |
| Photodegradation | : | No data available | |
| Components: | | | |
| Alcohols C12-14, ethoxylate | d: | | |
| Biodegradability | : | Inoculum: activated sludge Result: Readily biodegradat Biodegradation: 95 % Exposure time: 28 d Method: OECD Test Guidel GLP: no | |
| Biochemical Oxygen De- mand (BOD) | : | No data available | |
| Chemical Oxygen Demand (COD) | : | No data available | |
| BOD/COD | : | No data available | |
| Physico-chemical removabil- ity | : | No data available | |
| Stability in water | : | No data available | |
| Photodegradation | : | No data available | |
| 2-methylpentane-2,4-diol: Biodegradability | : | Inoculum: activated sludge Result: Readily biodegradat Biodegradation: 81 % Exposure time: 28 d Method: OECD Test Guidel | |

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|--|--|---|
| | GLP: yes Information taken fro | om reference works and the literature. |
| Biochemical Oxygen De- mand (BOD) | : No data available | |
| Chemical Oxygen Demand (COD) | : No data available | |
| BOD/COD | : No data available | |
| Physico-chemical removabil ity | - : No data available | |
| Stability in water | : No data available | |
| Photodegradation | : No data available | |
| 12.3 Bioaccumulative potential | I | |
| Product: | | |
| Bioaccumulation | : No data available | |
| Components: | | |
| Alcohols C12-14, ethoxyla | ted: | |
| Bioaccumulation | : No data available | |
| Partition coefficient: n- octanol/water | : No data available | |
| 2-methylpentane-2,4-diol: | | |
| Bioaccumulation | : This substance is no lating and toxic (PBT | t considered to be persistent, bioaccumu-). |
| Partition coefficient: n- octanol/water | : log Pow: < 1 Method: Calculation Information taken fro | method om reference works and the literature. |
| 12.4 Mobility in soil | | |
| Product: | | |
| Mobility | : Medium: Soil No data available | |
| | Medium: Water No data available | |
| | Medium: Sediment No data available | |
| | Medium: Air | |
| | | |

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| | No data available | |
| Stability in soil | : No data available | |
| Components: | | |
| Alcohols C12-14, ethoxylat | ed: | |
| Mobility | : Medium: Soil No data available | |
| | : Medium: Water No data available | |
| | : Medium: Sediment No data available | |
| | : Medium: Air No data available | |
| Stability in soil | : No data available | |
| 2-methylpentane-2,4-diol: | | |
| Mobility | : Medium: Soil No data available | |
| | : Medium: Water No data available | |
| | : Medium: Sediment No data available | |
| | : Medium: Air No data available | |
| Stability in soil | : No data available | |
| 12.5 Results of PBT and vPvB a | ssessment | |
| Product: | | |
| Assessment | to be either persistent, bi | contains no components considered ioaccumulative and toxic (PBT), or bioaccumulative (vPvB) at levels of |
| <u>Components:</u> | | |
| Alcohols C12-14, ethoxylat | ed: | |
| Assessment | to be either persistent, bi | contains no components considered ioaccumulative and toxic (PBT), or bioaccumulative (vPvB) at levels of |

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|--|--|---|
| 2-methylpentane-2,4-diol: Assessment | | ontains no components considered |
| Assessment | to be either persistent, bi | oaccumulative and toxic (PBT), or bioaccumulative (vPvB) at levels of |
| 12.6 Endocrine disrupting pro | perties | |
| Product: | | |
| Assessment | ered to have endocrine d REACH Article 57(f) or C | oes not contain components consid- lisrupting properties according to ommission Delegated regulation nission Regulation (EU) 2018/605 at |
| Components: | | |
| Alcohols C12-14, ethoxyla | ated: | |
| Remarks | : No data available | |
| 2-methylpentane-2,4-diol: | | |
| Remarks | : No data available | |
| 12.7 Other adverse effects | | |
| Product: Additional ecological infor- mation | the ecotoxicology of simi | t into the aquatic environment without |

SECTION 13: Disposal considerations

| 13.1 Waste treatment methods | | |
|------------------------------|---|---|
| Product | : | Dispose of contents/ container to an approved waste disposal plant. In accordance with local and national regulations. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not dispose of waste into sewer. Do not dispose of together with household waste. |
| Contaminated packaging | : | Dispose of contents/ container to an approved waste disposal plant. Dispose of as unused product. |

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SECTION 14: Transport information

14.1 UN number or ID number

| | ADN | : | UN 3082 | |
|------|--|---|---|---------------------------------------|
| | ADR | : | UN 3082 | |
| | RID | : | UN 3082 | |
| | IMDG | : | UN 3082 | |
| | ΙΑΤΑ | : | UN 3082 | |
| 14.2 | 2 UN proper shipping name | | | |
| | ADN | : | ENVIRONMENTALLY N.O.S. (Fatty alcohol ethoxyla | HAZARDOUS SUBSTANCE, LIQUID, te) |
| | ADR | : | ENVIRONMENTALLY N.O.S. (Fatty alcohol ethoxylat | HAZARDOUS SUBSTANCE, LIQUID, te) |
| | RID | : | ENVIRONMENTALLY N.O.S. (Fatty alcohol ethoxylat | HAZARDOUS SUBSTANCE, LIQUID, te) |
| | IMDG | : | ENVIRONMENTALLY N.O.S. (Fatty alcohol ethoxyla | HAZARDOUS SUBSTANCE, LIQUID, te) |
| | ΙΑΤΑ | : | Environmentally hazard (Fatty alcohol ethoxyla | dous substance, liquid, n.o.s. te) |
| 14.3 | B Transport hazard class(es) | | | |
| | | | Class | Subsidiary risks |
| | ADN | : | 9 | |
| | ADR | : | 9 | |
| | RID | : | 9 | |
| | IMDG | : | 9 | |
| | ΙΑΤΑ | : | 9 | |
| 14.4 | Packing group | | | |
| | ADN Packing group Classification Code Hazard Identification Number Labels ADR Packing group Classification Code Hazard Identification Number Labels | ••••••••••••••••••••••••••••••••••••••• | III M6 90 9 9 III M6 90 9 | |

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|--|---|---|
| Tunnel restriction code | : (-) | |
| RID Packing group Classification Code Hazard Identification Number Labels | : III : M6 r : 90 : 9 | |
| IMDG Packing group Labels EmS Code | : III : 9 : F-A, S-F | |
| IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels | : 964 : Y964 : III : Miscellaneous | |
| IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels | : 964 : Y964 : III : Miscellaneous | |
| 14.5 Environmental hazards | | |
| ADN Environmentally hazardous | : yes | |
| ADR Environmentally hazardous | : yes | |
| RID Environmentally hazardous | : yes | |
| IMDG Marine pollutant | : yes | |
| IATA (Passenger) Environmentally hazardous | : yes | |
| IATA (Cargo) Environmentally hazardous | : yes | |

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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SECTION 15: Regulatory information

| 15.1 Safety, health and environmental re | egulations/legislation | on specific f | or the substance or mix- |
|--|---|---|---|
| ture REACH - Restrictions on the manufac the market and use of certain dangero mixtures and articles (Annex XVII) | | lowing er | ns of restriction for the fol- ntries should be considered: on list 75, 3 |
| | | | end to use this product as , please contact your ven- |
| | | cresol (N ethylene 29, 28) 2-(4-tert- butylben (Number | rt-butyl-2,2'-methylenedi-p- lumber on list 30) oxide (Number on list 30, zyl)propionaldehyde on list 30) hyde; ethanal (Number on |
| REACH - Candidate List of Substance Concern for Authorisation (Article 59). | es of Very High | : Not appli | cable |
| Regulation (EC) No 1005/2009 on sub plete the ozone layer | ostances that de- | : Not appl | cable |
| Regulation (EU) 2019/1021 on persist tants (recast) | ent organic pollu- | : Not appl | cable |
| Regulation (EC) No 649/2012 of the E ment and the Council concerning the of dangerous chemicals | | : Not appl | cable |
| REACH - List of substances subject to (Annex XIV) | authorisation | : Not appl | cable |
| Seveso III: Directive 2012/18/EU of th pean Parliament and of the Council or control of major-accident hazards invo dangerous substances. | n the | NVIRONME | NTAL HAZARDS |
| | SK 2 obviously hazar ssification according | | |
| No 5.2 No | .1: Total dust: applicable .2: Inorganic substar applicable .4: Inorganic substar | | |

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|----------------------------|---|--|
| | Not applicable 5.2.5: Organic Substances Class 1: 0 % diphenyl ethe 5.2.7.1.1: Carcinogenic sub Class 1: < 0,01 % acetalde Class 2: < 0,01 % ethylene 5.2.7.1.1: Quartz fine dust Not applicable 5.2.7.1.1: Formaldehyde: Not applicable 5.2.7.1.1: fibres: Not applicable 5.2.7.2: Poorly degradable, organic substances: Not applicable | r ostance: hyde; ethanal oxide |
| Volatile organic compounds | | November 2010 on industrial tion prevention and control) s (VOC) content: 0,04 % |

15.2 Chemical safety assessment

A chemical safety assessment (Chemical Safety Assessment) is not required for this mixture.

SECTION 16: Other information

Full text of H-Statements

| H315 | : | Causes skin irritation. |
|----------------------------------|---|--|
| H318 | : | Causes serious eye damage. |
| H319 | : | Causes serious eye irritation. |
| H361d | : | Suspected of damaging the unborn child. |
| H400 | : | Very toxic to aquatic life. |
| H412 | : | Harmful to aquatic life with long lasting effects. |
| Full text of other abbreviations | | |

| Aquatic Acute : | Short-term (acute) aquatic hazard |
|-------------------|------------------------------------|
| Aquatic Chronic : | Long-term (chronic) aquatic hazard |
| Eye Dam. : | Serious eye damage |
| Eye Irrit. : | Eye irritation |
| Repr. : | Reproductive toxicity |
| Skin Irrit. : | Skin irritation |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-

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|---------|----------------|---------------------------------|
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sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

| Classification of the r | nixture: | Classification procedure: |
|-------------------------|----------|---------------------------|
| Eye Dam. 1 | H318 | Calculation method |
| Aquatic Acute 1 | H400 | Calculation method |
| Aquatic Chronic 3 | H412 | Calculation method |

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