

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016
Print date : 23.02.2016

Version : 1.0.0
Page : 1 / 11

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

1.1 Product identifier

Lithofin MN Easy-Care

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

Relevant identified uses

Mixture Washing and cleaning products, alkaline

1.3 Supplier (manufacturer/importer/only representative/downstream user/distributor)

Distributor : CDK Stone NZ Ltd.
Street : 2/40 Canaveral Drive
Postal code/city : NZ Auckland 0632
Telephone : +64 9 4750495
Telefax : +64 9 4792424
Contact : Technical Department
E-mail: sales@cdkstone.co.nz

Emergency telephone number:
+0800 764766
(Only available during office hours)

Supplier : Lithofin AG
Street : Heinrich-Otto-Str. 36
Postal code/city : 73240 Wendlingen
Telephone : +49 (0)7024 9403-0
Telefax : +49 (0)7024 9403-40
Contact : Technical Department
E-mail: info@lithofin.de

Emergency telephone number:
+49 (0)7024 9403-0
(Only available during office hours)

1.4 Emergency telephone number

see section 1.3

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

Additional information

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

Remark

Full text of H- and EUH-phrases: see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

(NZ / D)

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016

Version : 1.0.0

Print date : 23.02.2016

Page : 2 / 11

| | |
|----------------|--|
| P102 | Keep out of reach of children. |
| P280 | Wear eye/face protection. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P501 | Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations. |

2.3 Other hazards

Adverse human health effects and symptoms

Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out.

2.4 Additional information

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; REACH registration No. : 01-2119489428-22-xxxx ; EC No. : 270-115-0; CAS No. : 68411-30-3

Weight fraction : $\geq 1 - < 3 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315

Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; REACH registration No. : 01-2119488639-16-xxxx ; EC No. : 500-234-8; CAS No. : 68891-38-3

Weight fraction : $\geq 1 - < 5 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 Aquatic Chronic 3 ; H412

Additional information

All ingredients of this mixture are (pre)registered according to REACH regulation.

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Immediately remove any contaminated clothing, shoes or stockings. Do not wash with: Cleaning agent, acidic Cleaning agent, alkaline Solvents/Thinner

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye.

After ingestion

Call a physician immediately. Keep at rest. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting.

Self-protection of the first aider

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016
Print date : 23.02.2016

Version : 1.0.0
Page : 3 / 11

Suitable extinguishing media

Water alcohol resistant foam ABC-powder Carbon dioxide (CO₂) Water spray

Unsuitable extinguishing media

Full water jet Strong water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide. Carbon dioxide (CO₂)

5.3 Advice for firefighters

Use suitable breathing apparatus.

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

Use water spray jet to protect personnel and to cool endangered containers. Do not allow run-off from fire-fighting to enter drains or water courses. Do not inhale explosion and combustion gases. The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (refer to section 8). Provide adequate ventilation. Remove persons to safety.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For cleaning up

Suitable material for taking up: Universal binder

6.4 Reference to other sections

Safe handling: see section 7 Disposal: see section 13 Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

When using do not eat, drink, smoke, sniff.

Protective measures

All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists
Skin contact Eye contact Wear personal protection equipment (refer to section 8). Always close containers tightly after the removal of product. Do not breathe gas/fumes/vapour/spray. Use only in well-ventilated areas. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Measures to prevent fire

The product is not: Flammable Usual measures for fire prevention.

Fire class : -

Shake well before use nein

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep/Store only in original container.

Hints on joint storage

Storage class (TRGS 510) : 12

Protect from frost nein

Recommended storage temperature 5 - 25 °C

Further information on storage conditions

Keep locked up and out of reach of children. Keep container tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s)

Recommendation

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016
Print date : 23.02.2016

Version : 1.0.0
Page : 4 / 11

8.1 Control parameters

DNEL/DMEL and PNEC values

DNEL/DMEL

| | |
|----------------------|--|
| Limit value type : | DNEL Consumer (systemic) (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3) |
| Exposure route : | Oral |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 15 mg/kg/d |
| Limit value type : | DNEL Consumer (systemic) (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3) |
| Exposure route : | Dermal |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 1650 mg/kg/d |
| Limit value type : | DNEL Consumer (systemic) (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3) |
| Exposure route : | Inhalation |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 52 mg/m ³ |
| Limit value type : | DNEL Consumer (systemic) (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9) |
| Exposure route : | Oral |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 6,25 mg/kg/d |
| Limit value type : | DNEL Consumer (systemic) (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9) |
| Exposure route : | Inhalation |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 21,73 mg/m ³ |
| Limit value type : | DNEL Consumer (systemic) (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3) |
| Exposure route : | Dermal |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 85 mg/kg/d |
| Limit value type : | DNEL Consumer (systemic) (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3) |
| Exposure route : | Inhalation |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 3 mg/kg |
| Limit value type : | DNEL Consumer (systemic) (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9) |
| Exposure route : | Dermal |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 2,5 mg/kg/d |
| Limit value type : | DNEL worker (systemic) (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9) |
| Exposure route : | Inhalation |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 73,4 mg/m ³ |
| Limit value type : | DNEL worker (systemic) (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3) |
| Exposure route : | Dermal |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 170 mg/kg/d |
| Limit value type : | DNEL worker (systemic) (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3) |
| Exposure route : | Dermal |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 2750 mg/kg/d |
| Limit value type : | DNEL worker (systemic) (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3) |
| Exposure route : | Inhalation |
| Exposure frequency : | Long-term (repeated) |
| Limit value : | 175 mg/m ³ |
| Limit value type : | DNEL worker (systemic) (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3) |
| Exposure route : | Inhalation |

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

(NZ / D)

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016

Version : 1.0.0

Print date : 23.02.2016

Page : 5 / 11

Exposure frequency : Long-term (repeated)
Limit value : 12 mg/m³
Limit value type : DNEL worker (systemic) (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)
Exposure route : Dermal
Exposure frequency : Long-term (repeated)
Limit value : 4,16 mg/kg/d

PNEC

Limit value type : PNEC aquatic, freshwater (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)

Limit value : 0,24 mg/l

Limit value type : PNEC aquatic, freshwater (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Limit value : 0,268 mg/l

Limit value type : PNEC aquatic, freshwater (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)

Limit value : 0,007 mg/l

Limit value type : PNEC aquatic, intermittent release (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Limit value : 0,0167 mg/l

Limit value type : PNEC aquatic, intermittent release (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)

Limit value : 0,071 mg/l

Limit value type : PNEC aquatic, marine water (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)

Limit value : 0,024 mg/l

Limit value type : PNEC aquatic, marine water (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Limit value : 0,0268 mg/l

Limit value type : PNEC aquatic, marine water (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)

Limit value : 0,0007 mg/l

Limit value type : PNEC sediment, freshwater (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)

Limit value : 0,0424 mg/kg

Limit value type : PNEC sediment, freshwater (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Limit value : 8,1 mg/kg

Limit value type : PNEC sediment, freshwater (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)

Limit value : 5,45 mg/kg

Limit value type : PNEC sediment, marine water (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)

Limit value : 0,545 mg/kg

Limit value type : PNEC sediment, marine water (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Limit value : 8,1 mg/kg

Limit value type : PNEC sewage treatment plant (STP) (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Limit value : 3,43 mg/l

Limit value type : PNEC sewage treatment plant (STP) (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)

Limit value : 10000 mg/l

Limit value type : PNEC sewage treatment plant (STP) (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)

Limit value : 830 mg/l

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

Eye glasses with side protection goggles

Required properties

DIN EN 166

Skin protection

Hand protection

Suitable gloves type : Gloves with long cuffs

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

(NZ / D)

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016
Print date : 23.02.2016

Version : 1.0.0
Page : 6 / 11

Suitable material : NBR (Nitrile rubber), 0,4mm, >8h; Butyl caoutchouc, 0,5mm, >8h; FKM (fluoro rubber), 0,7mm, >8h;

Recommended glove articles : Manufacturer KCL GmbH/Eichenzell-Germany; Ansell/Yarra City-Australia Or comparable articles from other companies.

Additional hand protection measures : Check leak tightness/impermeability prior to use.

Remark : Breakthrough times and swelling properties of the material must be taken into consideration. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Body protection

Protective clothing.

Suitable protective clothing : Chemical protection clothing Chemical resistant safety shoes

Required properties : alkali-resistant.

Recommended protective clothing articles : DIN EN ISO 20345 DIN EN 13034 DIN EN 14605 DIN EN 14404

Remark : Barrier creams are not substitutes for body protection.

Respiratory protection

Usually no personal respirative protection necessary. Respiratory protection necessary at: insufficient ventilation aerosol or mist formation. high concentrations spray application

Suitable respiratory protection apparatus

Combination filtering device (EN 14387) Half-face mask (DIN EN 140) ABEK-P1

Remark

Use only respiratory protection equipment with CE-symbol including four digit test number. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

General health and safety measures

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash contaminated clothing prior to re-use. Wash hands before breaks and after work. Apply skin care products after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : viscous

Colour : light beige

Odour : perfumed

Safety relevant basis data

| | | | | | |
|--|--------------|-----|----------------|-------------------|--|
| Freezing point : | (1013 hPa) | ca. | -3 | °C | |
| Initial boiling point and boiling range : | (1013 hPa) | ca. | 84 | °C | |
| Decomposition temperature : | (1013 hPa) | | not determined | | |
| Flash point : | | | not applicable | | closed cup |
| Ignition temperature : | | | not determined | | |
| Sustaining combustion | | | No | | UN Test L2:Sustained combustibility test |
| Lower explosion limit : | | | not determined | | |
| Upper explosion limit : | | | not determined | | |
| Vapour pressure : | (50 °C) | < | 3000 | hPa | |
| Density : | (20 °C) | ca. | 1 | g/cm ³ | Pyknometer |
| Solvent separation test : | (20 °C) | < | 3 | % | |
| Water solubility | (20 °C) | | miscible | | |
| pH : | | ca. | 11 | | |
| log P O/W : | | | not determined | | |
| Flow time : | (23 °C) | > | 90 | s | ISO cup 4 mm |
| Odour threshold : | | | not determined | | |
| Vapourisation rate : | | | not determined | | |
| VOC-FR | | | not applicable | | |

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016
Print date : 23.02.2016

Version : 1.0.0
Page : 7 / 11

No information available.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No hazardous reaction when handled and stored according to provisions.

10.5 Incompatible materials

The product develops hydrogen in an aqueous solution in contact with metals.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter : LD50 (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)

Exposure route : Oral

Species : Rat

Effective dose : 4100 mg/kg

Parameter : LD50 (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Exposure route : Oral

Species : Rat

Effective dose : > 300 - 2000 mg/kg

Method : OECD 401

Parameter : LD50 (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)

Exposure route : Oral

Species : Rat

Effective dose : > 2000 mg/l

Method : OECD 401

Acute dermal toxicity

Parameter : LD50 (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)

Exposure route : Dermal

Species : Rat

Effective dose : > 2000 mg/kg

Parameter : LD50 (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Exposure route : Dermal

Effective dose : > 2000 mg/kg

Method : OECD 402

Parameter : LD50 (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)

Exposure route : Dermal

Species : Rabbit

Effective dose : > 2000 mg/kg

Specific symptoms in animal studies

No data available

Irritant and corrosive effects

Assessment/classification

Causes serious eye damage. Causes severe burns.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No indication of human carcinogenicity.

Germ cell mutagenicity

In vivo mutagenicity

Other information

No experimental indications of in vivo mutagenicity exist.

Human toxicological data

Other information

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016
Print date : 23.02.2016

Version : 1.0.0
Page : 8 / 11

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

Practical experience/human evidence

No indications of human reproductive toxicity exist.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)
Species : Fish
Effective dose : 7,1 mg/l
Exposure time : 96 h
Parameter : LC50 (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)
Species : Fish
Effective dose : > 1 - 10 mg/l
Exposure time : 96 h
Parameter : LC50 (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)
Species : Fish
Effective dose : 2,4 mg/l
Exposure time : 96 h
Method : OECD 203

Chronic (long-term) fish toxicity

Parameter : NOEC (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)
Species : Fish
Effective dose : > 0,1 - 1 mg/l
Exposure time : 28 Tage

Acute (short-term) daphnia toxicity

Parameter : EC50 (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)
Species : Daphnia
Effective dose : 7,2 mg/l
Exposure time : 48 h
Parameter : EC50 (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)
Species : Daphnia
Effective dose : > 1 - 10 mg/l
Method : OECD 202
Parameter : EC50 (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)
Species : Daphnia
Effective dose : 3,2 mg/l
Exposure time : 48 h
Method : OECD 202

Chronic (long-term) daphnia toxicity

Parameter : NOEC (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)
Species : Daphnia
Effective dose : 0,27 mg/l
Exposure time : 21 Tage
Parameter : NOEC (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)
Species : Daphnia
Effective dose : > 1 - 10 mg/l
Exposure time : 32 Tage

Acute (short-term) algae toxicity

Parameter : IC50 (Alcohols, C12-14, ethoxylated, sulfates, sodium salts ; CAS No. : 68891-38-3)
Species : Algae
Effective dose : 7,5 mg/l
Exposure time : 96 h
Parameter : IC50 (Amides, coco, N,N-bis(hydroxyethyl) ; CAS No. : 68603-42-9)

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016
Print date : 23.02.2016

Version : 1.0.0
Page : 9 / 11

Species : Algae
Effective dose : 7,2 mg/l
Exposure time : 72 h
Method : OECD 201

Chronic (long-term) algae toxicity

Parameter : NOEC (Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ; CAS No. : 68411-30-3)

Species : Algae
Effective dose : > 4 mg/l
Exposure time : 28 Tage

Effects in sewage plants

Observe local regulations concerning effluent treatment. Before discharge into sewage plants the product normally needs to be neutralised.

12.2 Persistence and degradability

No data available

Biodegradation

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No data available

12.7 Additional ecotoxicological information

Additional information

The product has not been tested.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose according to legislation.

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

Waste code (91/689/EEC) : 07 06 08*

Waste treatment options

Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

13.2 Additional information

These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

(NZ / D)

Trade name : Lithofin MN Easy-Care

Revision date : 12.01.2016
Print date : 23.02.2016

Version : 1.0.0
Page : 10 / 11

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

EU legislation

Other regulations (EU)

Regulation (EC) No. 648/2004 (Detergents regulation)

National regulations

Observe in addition any national regulations!

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition regulations

VOCV-Regulation (CH)

Maximum VOC content (Switzerland) : < 3 Wt % according to VOCV

15.2 Chemical Safety Assessment

No information available.

15.3 Additional information

HSNO Approval: HSR002530 Cleaning Products (Subsidiary Hazard) Group Standard 2006

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

CAS No.: 68411-30-3

Is found on the following regulatory lists:

New Zealand Inventory of Chemicals (NZIoC)

Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts

CAS No.: 68891-38-3

Is found on the following regulatory lists:

New Zealand Inventory of Chemicals (NZIoC)

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 03. Hazardous ingredients

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

(NZ / D)

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Page : 11 / 11
