

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 28/10/2020 Revision date: 31/08/2022 Supersedes: 26/08/2022 Version: 1.5

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Trade name : EASY-CLEAN®

Product code : J300

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Manufacturer

Whitmore Manufacturing LLC 930 Whitmore Drive Rockwall, Texas, 75087 USA

T 1.972.771.1000

Regulatory@whitmores.com - www.jetlube.com

1.4. Emergency telephone number

Emergency number

: For Chemical Emergency Call CHEMTREC 24hr/day 7days/week

Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1.703.527.3887

(collect calls accepted)

| Country | Organisation/Company | Address | Emergency number | Comment |
|-------------|---|-----------------------------|---|---------|
| New Zealand | Chemtrec - New Zealand | Auckland | Local (City) +64 9-801 0034 | |
| New Zealand | Chemtrec - New Zealand | | Toll Free 0800 425 459 | |
| New Zealand | New Zealand National Poison Centre Dunedin School of Medicine, University of Otago | P.O. Box 56 9054 Dunedin | 0800 764 766 ILS Technical Helpline 0800 10 40 17 | |

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation, Category 1 H314 Causes severe skin burns and eye damage.

Serious eye damage/eye irritation, Category 1 H318 Causes serious eye damage.

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US)



Signal word (GHS US) : Danger

Hazard statements (GHS US) : H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

Precautionary statements (GHS US) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P264 - Wash hands, forearms and face thoroughly after handling.

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

P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse

skin with water/shower.

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a poison center or doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P363 - Wash contaminated clothing before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---------------------------------|---------------------|---------|---|
| Alcohols, C9-11, ethoxylated | CAS-No.: 68439-46-3 | 5 - 10 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| Dipropylene glycol n-butylether | CAS-No.: 29911-28-2 | 5- 10 | STOT SE 3, H336 |
| Disodium Metasilicate | CAS-No.: 6834-92-0 | 1 - 5 | Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 |
| Potassium Hydroxide | CAS-No.: 1310-58-3 | 0.1 - 1 | Met. Corr. 1, H290 Skin Corr. 1, H314 Eye Dam. 1, H318 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician

immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Burns.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

31/08/2022 (Revision date) NZ - en 2/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Exercise caution. Spill area may be slippery. Avoid contact with skin and eyes. Do not breathe

dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe

dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Neoprene or nitrile rubber gloves

| Туре | Material | Permeation | Thickness (mm) | Penetration |
|-------------------|---|-------------------|----------------|-------------|
| Disposable gloves | Nitrile rubber (NBR), Neoprene rubber (HNBR) | 6 (> 480 minutes) | > 0.6 mm | |

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : pink
Odour : Mild odor
Odour threshold : No data available
pH : 13.5 – 14

31/08/2022 (Revision date) NZ - en 3/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Melting point : Not applicable

Freezing point : 0 °C
Boiling point : 100 °C

Flash point : > 100 °C Non flammable

Relative evaporation rate (butylacetate=1) : No data available Flammability (solid, gas) : Not applicable.

Vapour pressure : No data available Relative vapour density at 20°C : No data available Relative density : No data available

Solubility : Soluble.

Partition coefficient n-octanol/water (Log Pow) : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : 4.5 mm²/s

Viscosity, dynamic : No data available
Explosive limits : No data available
Explosive properties : No data available
Oxidising properties : No data available

9.2. Other information

VOC content : 0 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

LC50 Inhalation - Rat

ATE US (oral)

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| Alcohols, C9-11, ethoxylated (68439-46-3) | | |
|---|--|--|
| LD50 oral rat 1378 mg/kg (Rat, Oral) | | |
| LD50 dermal rat > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Derma | | |
| LD50 dermal rabbit > 2000 mg/kg (Rabbit, Dermal) | | |
| LC50 Inhalation - Rat | > 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) | |
| ATE US (oral) | 1378 mg/kg bodyweight | |
| Dipropylene glycol n-butylether (29911-28-2) | | |
| LD50 oral | 4000 mg/kg | |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) | |

4000 mg/kg bodyweight

> 2.04 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Disodium Metasilicate (6834-92-0) | |
|--------------------------------------|---|
| LD50 oral rat | 1152 – 1349 mg/kg bodyweight (Rat, Male / female, Experimental value, Oral) |
| LD50 oral | 600 mg/kg |
| LD50 dermal rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 2.06 mg/l air Animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity) |
| ATE US (oral) | 600 mg/kg bodyweight |
| Potassium Hydroxide (1310-58-3) | |
| LD50 oral rat | 388 mg/kg Source: ECHA |
| LD50 oral | 273 mg/kg |
| ATE US (oral) | 273 mg/kg bodyweight |
| Skin corrosion/irritation | : Causes severe skin burns. pH: 13.5 – 14 |
| Dipropylene glycol n-butylether (299 | 11-28-2) |
| рН | 5.5 – 7.5 (5 %) |
| Disodium Metasilicate (6834-92-0) | |
| рН | 12.5 (1 %) |
| Potassium Hydroxide (1310-58-3) | |
| pH | ≈ 13.5 Temp.: 25 °C Concentration: 5,611 g/L |
| Serious eye damage/irritation | : Causes serious eye damage. |
| | pH: 13.5 – 14 |
| Dipropylene glycol n-butylether (299 | 11-28-2) |
| рН | 5.5 – 7.5 (5 %) |
| Disodium Metasilicate (6834-92-0) | |
| рН | 12.5 (1 %) |
| Potassium Hydroxide (1310-58-3) | |
| рН | ≈ 13.5 Temp.: 25 °C Concentration: 5,611 g/L |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Disodium Metasilicate (6834-92-0) | |
| NOAEL (animal/female, F0/P) | > 159 mg/kg bodyweight Animal: rat, Animal sex: female |
| STOT-single exposure | : Not classified |
| Dipropylene glycol n-butylether (299 | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| Disodium Metasilicate (6834-92-0) | |
| STOT-single exposure | May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified |
| Alcohols, C9-11, ethoxylated (68439- | 46-3) |
| NOAEL (oral, rat, 90 days) | ≥ 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Oral Toxicity in Rodents) |
| | |

31/08/2022 (Revision date) NZ - en 5/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Dipropylene glycol n-butylether (299 | 11-28-2) | |
|--------------------------------------|---|--|
| LOAEL (dermal, rat/rabbit, 90 days) | 273 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) | |
| NOAEL (oral, rat, 90 days) | 450 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) | |
| NOAEL (dermal, rat/rabbit, 90 days) | 91 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) | |
| Disodium Metasilicate (6834-92-0) | | |
| NOAEL (oral, rat, 90 days) | 227 – 237 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90 Day Oral Toxicity in Rodents) | |
| spiration hazard : Not classified | | |
| /iscosity, kinematic | : 4.5 mm²/s | |
| Dipropylene glycol n-butylether (299 | 11-28-2) | |
| Viscosity, kinematic | 4.78 mm ² /s | |
| Potassium Hydroxide (1310-58-3) | | |
| Viscosity, kinematic | 4.265 mm ² /s | |
| Symptoms/effects after skin contact | : Burns. | |
| Symptoms/effects after eye contact | : Serious damage to eyes. | |
| Symptoms/effects after ingestion | : Burns. | |

| 404 | _ | | |
|------|---|--------------|------|
| 12.1 | | $\sim v_{1}$ | CITV |
| 14.1 | | U A I | |

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

| Alcohols, C9-11, ethoxylated (68439-46-3) | | | |
|--|--|--|--|
| LC50 - Fish [1] | 5 – 7 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) | | |
| EC50 - Crustacea [1] | 2.5 mg/l Test organisms (species): Daphnia magna | | |
| EC50 96h - Algae [1] | 1.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) | | |
| Dipropylene glycol n-butylether (29911-28-2) | | | |
| LC50 - Fish [1] | 841 mg/l | | |
| EC50 - Crustacea [1] | > 100 mg/l Test organisms (species): Daphnia magna | | |
| EC50 96h - Algae [1] | 519 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) | | |
| ErC50 algae | 556.4 mg/l | | |
| Disodium Metasilicate (6834-92-0) | | | |
| LC50 - Fish [1] | 210 mg/l | | |
| EC50 - Crustacea [1] | 1700 mg/l Test organisms (species): Daphnia magna | | |
| EC50 72h - Algae [1] | 207 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) | | |
| Potassium Hydroxide (1310-58-3) | | | |
| LC50 - Fish [1] | 80 mg/l (24 h, Gambusia affinis, Literature, Pure substance) | | |
| EC50 - Crustacea [1] | 30 – 1000 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia sp., Literature, Pure substance) | | |

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| 12.2. Persistence and degradability Alcohols, C9-11, ethoxylated (68439-46-3) | | | | |
|---|--|--|--|--|
| | | | | |
| Readily biodegradable in water. | | | | |
| Dipropylene glycol n-butylether (29911-28-2) | | | | |
| | | | | |
| Readily biodegradable in water. | | | | |
| | | | | |
| | | | | |
| Biodegradability: not applicable. | | | | |
| Not applicable | | | | |
| Not applicable | | | | |
| Not applicable | | | | |
| Potassium Hydroxide (1310-58-3) | | | | |
| | | | | |
| Biodegradability: not applicable. | | | | |
| | | | | |
| | | | | |
| No bioaccumulation data available. Bioaccumulation unlikely. | | | | |
| | | | | |
| Not bioaccumulative. | | | | |
| | | | | |
| Bioaccumulation unlikely. | | | | |
| Potassium Hydroxide (1310-58-3) | | | | |
| Bioaccumulation unlikely. | | | | |
| | | | | |
| | | | | |
| No (test) data on mobility of the substance available. | | | | |
| | | | | |
| No (test) data on mobility of the substance available. | | | | |
| | | | | |

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT | TDG | IMDG | IATA | |
|-----------------|--------|------|------|--|
| 14.1. UN number | | | | |
| 3266 | UN3266 | 3266 | 3266 | |

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| 4.2. Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s. (CONTAINS : Disodium Metasilicate ; Potassium Hydroxide) | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS : Disodium Metasilicate ; Potassium Hydroxide) | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS : | Corrosive liquid, basic, inorganic, | | |
|--|---|---|---|--|--|
| n.o.s. (CONTAINS : Disodium I Metasilicate ; Potassium Hydroxide) I | INORGANIC, N.O.S. (CONTAINS : Disodium Metasilicate ; Potassium | | | | |
| ransport document description | i iyuluxiu <i>e)</i> | Disodium Metasilicate ; Potassium Hydroxide) | n.o.s. (CONTAINS : Disodium Metasilicate ; Potassium Hydroxide | | |
| . aapa addamont addomption | | | | | |
| UN3266 Corrosive liquid, basic, inorganic, n.o.s. (CONTAINS : Disodium Metasilicate ; Potassium Hydroxide), 8, III | UN3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS : Disodium Metasilicate ; Potassium Hydroxide), 8, III | UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS: Disodium Metasilicate ; Potassium Hydroxide), 8, III | UN 3266 Corrosive liquid, basic, inorganic, n.o.s. (CONTAINS: Disodium Metasilicate; Potassium Hydroxide), 8, III | | |
| 14.3. Transport hazard class(es) | | | | | |
| 8 | 8 | 8 | 8 | | |
| CORROSIVE | 8 | 8 | 8 | | |
| 4.4. Packing group | | | | | |
| III | III | III | III | | |
| 14.5. Environmental hazards | | | | | |
| Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No | Dangerous for the environment: No | | |
| No supplementary information available | e | | | | |

UN-No.(DOT) : UN3266

DOT Special Provisions (49 CFR 172.102)

: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr - tf)) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154

DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 60 L

CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

DOT Vessel Stowage Other : 40 - Stow "clear of living quarters",52 - Stow "separated from" acids

TDG

UN-No. (TDG) : UN3266

31/08/2022 (Revision date) NZ - en 8/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

TDG Special Provisions

: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:

(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;

(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S;

(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;

(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or

(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.

(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:

(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.

Explosive Limit and Limited Quantity Index : 5 L

Excepted quantities (TDG) : E1

Passenger Carrying Road Vehicle or Passenger : 5 L

Carrying Railway Vehicle Index

Emergency Response Guide (ERG) Number : 154

IMDG

Special provisions (IMDG): 223, 274Limited quantities (IMDG): 5 LExcepted quantities (IMDG): E1Packing instructions (IMDG): P001, LP01

 IBC packing instructions (IMDG)
 : IBC03

 Tank instructions (IMDG)
 : T7

 Tank special provisions (IMDG)
 : TP1, TP28

EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE

EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES

Stowage category (IMDG) : A
Stowage and handling (IMDG) : SW2

Segregation (IMDG) : SGG18, SG35

Properties and observations (IMDG) : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

IATA

PCA Excepted quantities (IATA) · F1 PCA Limited quantities (IATA) : Y841 PCA limited quantity max net quantity (IATA) : 1L PCA packing instructions (IATA) : 852 PCA max net quantity (IATA) : 5L CAO packing instructions (IATA) : 856 CAO max net quantity (IATA) : 60L Special provisions (IATA) : A3, A803 ERG code (IATA)

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

31/08/2022 (Revision date) NZ - en 9/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Potassium Hydroxide (1310-58-3)

CERCLA RQ 1000 lb

15.2. International regulations

CANADA

Alcohols, C9-11, ethoxylated (68439-46-3)

Listed on the Canadian DSL (Domestic Substances List)

Dipropylene glycol n-butylether (29911-28-2)

Listed on the Canadian DSL (Domestic Substances List)

Disodium Metasilicate (6834-92-0)

Listed on the Canadian DSL (Domestic Substances List)

Potassium Hydroxide (1310-58-3)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Alcohols, C9-11, ethoxylated (68439-46-3)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Dipropylene glycol n-butylether (29911-28-2)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Disodium Metasilicate (6834-92-0)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Potassium Hydroxide (1310-58-3)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Component | State or local regulations |
|--------------------------------|--|
| Potassium Hydroxide(1310-58-3) | U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S New York City - Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List |
| butyl glycolether(111-76-2) | U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S New York City - Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List |

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 08/31/2022

| Full text of H-statements | |
|---------------------------|--|
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.