



SAFETY DATA SHEET
STAR MULTI-PURPOSE DEGREASER
Product code: 00910023

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

1.1. Product identifier

Product name STAR MULTI-PURPOSE DEGREASER

Product number 00910023

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

Identified uses Star Multi-Purpose Degreaser is a specially formulated, fast acting, concentrated heavy duty maintenance cleaner designed for use in floor scrubbing machines etc.

Star Multi-Purpose Degreaser is water dilutable and will effectively and safely remove stubborn soil from hard surfaces; bulkheads, floors, decks, paintwork, and machinery.

For walls, floors, decks and paintwork use DILUTED TO 1 - 2 % with water. Apply by spray, mop, sponge, brush or cloth.

For use in steam cleaners or power washing machines dilute with 40 parts water (2-3% soln.) in the detergent tank. For mechanically agitated cleaning operations use 1 part to 10 parts water (10% soln.) at a temperature of 50-65 Degrees Centigrade. For light duty applications use at a dilution of between 0.5 and 1%. After cleaning with concentrated solutions wash off with clean water.

1.3. Details of the supplier of the safety data sheet

Supplier Star International
 Star House
 Turbine Business Park
 Turbine Road
 Birkenhead
 Merseyside
 CH41 9BA
 Tel: +44 (0) 1244 504 500
 Fax: +44 (0) 1244 504 504
www.star-international.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 1244 504 500 (Office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

STAR MULTI-PURPOSE DEGREASER

Hazard pictograms



| | |
|---|--|
| Signal word | Danger |
| Hazard statements | H318 Causes serious eye damage. |
| Precautionary statements | P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. 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/ container in accordance with local regulations. |
| Contains | FATTY ALCOHOL SURFACTANT, FATTY ALCOHOL SURFACTANT |
| Supplementary precautionary statements | P310 Immediately call a POISON CENTER/ doctor. |

2.3. Other hazards

Not available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|---------------------------------|----------------------|
| FATTY ALCOHOL SURFACTANT | 5-10% |
| CAS number: 68439-46-3 | |
| Classification | |
| Acute Tox. 4 - H302 | |
| Eye Dam. 1 - H318 | |
| FATTY ALCOHOL SURFACTANT | 1-5% |
| CAS number: 68603-42-9 | |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Eye Dam. 1 - H318 | |
| ETHANEDIOL | <1% |
| CAS number: 107-21-1 | EC number: 203-473-3 |
| Classification | |
| Acute Tox. 4 - H302 | |
| STOT RE 2 - H373 | |

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| | |
|---|----------------------|
| 2-BUTOXYETHANOL | <1% |
| CAS number: 111-76-2 | EC number: 203-905-0 |
| Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 | |
| CITRUS TERPENOID | <1% |
| CAS number: 8028-48-6 | EC number: 232-433-8 |
| Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304 | |
| DIETHANOLAMINE | <1% |
| CAS number: 111-42-2 | EC number: 203-868-0 |
| Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Repr. 2 - H361fd STOT RE 2 - H373 | |
| GLYCERINE | <1% |
| CAS number: 56-81-5 | EC number: 200-289-5 |
| Classification Not Classified | |
| PHOSPHORIC ACID | <1% |
| CAS number: 7664-38-2 | EC number: 231-633-2 |
| Classification Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

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| | |
|---------------------|---|
| Ingestion | Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. |

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

| | |
|--------------------|----------------------------|
| Eye contact | Causes serious eye damage. |
|--------------------|----------------------------|

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

| | |
|-----------------------------|---------------------------|
| Notes for the doctor | No information available. |
|-----------------------------|---------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|-------------------------------------|---|
| Suitable extinguishing media | Use fire-extinguishing media suitable for the surrounding fire. |
|-------------------------------------|---|

5.2. Special hazards arising from the substance or mixture

| | |
|-------------------------|--|
| Specific hazards | Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m ³ . |
|-------------------------|--|

5.3. Advice for firefighters

| | |
|--|---|
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|---|
| Personal precautions | Follow precautions for safe handling described in this safety data sheet. |
|-----------------------------|---|

6.2. Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. |
|----------------------------------|---|

6.3. Methods and material for containment and cleaning up

| | |
|--------------------------------|--|
| Methods for cleaning up | Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. |
|--------------------------------|--|

6.4. Reference to other sections

| | |
|------------------------------------|---|
| Reference to other sections | Wear protective clothing as described in Section 8 of this safety data sheet. |
|------------------------------------|---|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--------------------------|---|
| Usage precautions | Avoid spilling. Avoid contact with skin and eyes. |
|--------------------------|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|--|
| Storage precautions | Store in tightly-closed, original container in a dry and cool place. |
|----------------------------|--|

| | |
|----------------------|-------------------|
| Storage class | Chemical storage. |
|----------------------|-------------------|

7.3. Specific end use(s)

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Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m³ vapour

Sk

Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m³ vapour

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³

Sk

GLYCERINE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

PHOSPHORIC ACID

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

Sk = Can be absorbed through the skin.

2-BUTOXYETHANOL (CAS: 111-76-2)

| | |
|--------------------------------|--|
| Biological limit values | 240 mmol butoxyacetic acid/mol creatinine in urine sampling time - Post shift |
| DNEL | Industry - Dermal; Short term : 89 mg/kg/day Industry - Inhalation; Short term systemic effects: 246 mg/m ³ Industry - Dermal; Long term systemic effects: 125 mg/kg/day Industry - Inhalation; Long term : 98 mg/m ³ Consumer - Dermal; Short term : 89 mg/kg/day Consumer - Inhalation; Long term : 426 mg/m ³ Consumer - Oral; Short term : 26.7 mg/kg/day Consumer - Inhalation; : 147 mg/m ³ Consumer - Inhalation; Long term : 59 mg/m ³ Industry - Inhalation; Short term systemic effects: 1091 mg/m ³ Consumer - Dermal; Long term systemic effects: 75 mg/kg/day Consumer - Oral; Long term systemic effects: 6.3 mg/kg/day |
| PNEC | - Fresh water; 8.8 mg/l - marine water; 0.88 mg/l - Fresh water, Sediment; 8.14 mg/kg - Soil; 2.8 mg/kg - Sediment (Marinewater); 3.46 mg/kg - STP; 463 mg/l |

ETHANEDIOL (CAS: 107-21-1)

| | |
|-------------|---|
| DNEL | Industry - Inhalation; Short term : 35 mg/m ³ Industry - Dermal; Long term : 106 mg/kg/day Consumer - Dermal; Long term : 53 mg/kg/day Consumer - Inhalation; Long term : 7 mg/m ³ |
|-------------|---|

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| | |
|-------------|--|
| PNEC | - Fresh water; 10 mg/l - marine water; 1 mg/l - Soil; 1.53 mg/l - STP; 199.5 mg/l |
|-------------|--|

DIETHANOLAMINE (CAS: 111-42-2)

| | |
|-------------|--|
| DNEL | Industry - Inhalation; Long term systemic effects: 1 mg/m ³ Industry - Dermal; Long term systemic effects: 0.13 mg/kg/day Consumer - Inhalation; Long term systemic effects: 0.25 mg/m ³ Consumer - Oral; Long term systemic effects: 0.06 mg/kg/day Consumer - Dermal; Long term systemic effects: 0.07 mg/kg/day |
|-------------|--|

| | |
|-------------|--|
| PNEC | Fresh water; 0.02 mg/l marine water; 0.002 mg/l Intermittent release; 0.095 mg/l Sediment (Marinewater); 0.092 mg/kg Soil; 1.63 mg/kg STP; 100 mg/l Sediment (Marinewater); 0.0092 mg/kg |
|-------------|--|

GLYCERINE (CAS: 56-81-5)

| | |
|-------------|--|
| DNEL | Industry - Inhalation; Long term local effects: 56 mg/m ³ |
|-------------|--|

| | |
|-------------|--|
| PNEC | - Fresh water; 0.885 mg/l - marine water; 0.0885 mg/l - Intermittent release; 8.85 mg/l - STP; 1000 mg/l - Soil; 0.141 mg/kg - Sediment (Freshwater); 3.3 mg/kg - Sediment (Marinewater); 0.33 mg/kg |
|-------------|--|

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment that provides appropriate eye and face protection should be worn.

Hand protection

Use protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

Hygiene measures

When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

| | |
|------------------|---------------------------------|
| Appearance | Liquid. |
| Colour | Yellow. |
| Odour | Fruity. |
| pH | pH (concentrated solution): 7-8 |
| Relative density | ~ 1.0 @ 20°C |
| Solubility(ies) | Completely soluble in water. |

9.2. Other information

| | |
|-------------------|----------------|
| Other information | Not available. |
|-------------------|----------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|------------|---------------------------|
| Reactivity | No information available. |
|------------|---------------------------|

10.2. Chemical stability

| | |
|-----------|--|
| Stability | Stable at normal ambient temperatures. |
|-----------|--|

10.3. Possibility of hazardous reactions

| | |
|------------------------------------|----------------|
| Possibility of hazardous reactions | Not available. |
|------------------------------------|----------------|

10.4. Conditions to avoid

| | |
|---------------------|---|
| Conditions to avoid | Avoid excessive heat for prolonged periods of time. |
|---------------------|---|

10.5. Incompatible materials

| | |
|--------------------|--|
| Materials to avoid | Strong acids. Strong oxidising agents. |
|--------------------|--|

10.6. Hazardous decomposition products

| | |
|----------------------------------|--|
| Hazardous decomposition products | Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂). |
|----------------------------------|--|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

| | |
|------------------|----------|
| ATE oral (mg/kg) | 8,569.42 |
|------------------|----------|

Skin corrosion/irritation

| | |
|---------------------------|----------------------------|
| Skin corrosion/irritation | May cause skin irritation. |
|---------------------------|----------------------------|

Serious eye damage/irritation

| | |
|-------------------------------|----------------------------|
| Serious eye damage/irritation | Causes serious eye damage. |
|-------------------------------|----------------------------|

Respiratory sensitisation

| | |
|---------------------------|------------------|
| Respiratory sensitisation | Not sensitising. |
|---------------------------|------------------|

Skin sensitisation

| | |
|--------------------|------------------|
| Skin sensitisation | Not sensitising. |
|--------------------|------------------|

Germ cell mutagenicity

| | |
|-------------------------|--|
| Genotoxicity - in vitro | Based on available data the classification criteria are not met. |
|-------------------------|--|

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Carcinogenicity

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

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

Inhalation May cause respiratory system irritation.

Ingestion May cause discomfort if swallowed.

Skin contact May cause skin irritation/eczema.

Eye contact Causes serious eye damage.

Toxicological information on ingredients.

FATTY ALCOHOL SURFACTANT

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >300-<=2000 mg/kg, ,

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, ,

Skin corrosion/irritation

Animal data No information available.

Serious eye damage/irritation

Serious eye damage/irritation No information available.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

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STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

Inhalation Absorption through the lungs can occur causing symptoms similar to those of ingestion

Ingestion May cause chemical burns in mouth and throat. Irritating. May cause nausea, stomach pain and vomiting.

Skin contact Causes mild skin irritation.

Eye contact There may be severe pain. The eyes may water profusely. Corneal burns may occur. May cause permanent damage

ETHANEDIOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 10,600.0

Species Rabbit

Notes (dermal LD₅₀) LD₅₀ >10600 mg/kg, Dermal, Rabbit

ATE dermal (mg/kg) 10,600.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 2.5

Species Rat

Notes (inhalation LC₅₀) LD₅₀ >2.5 mg/l, Inhalation, Rat

Skin corrosion/irritation

Animal data Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Not irritating.

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

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| | |
|--|---|
| Genotoxicity - in vivo | This substance has no evidence of mutagenic properties. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | There is no evidence that the product can cause cancer. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - development | Symptoms following overexposure may include the following: Possible risk of adverse reproductive effects. |
| <u>Specific target organ toxicity - single exposure</u> | |
| STOT - single exposure | No information available. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | May cause damage to organs (Kidneys) through prolonged or repeated exposure if swallowed. |
| <u>Aspiration hazard</u> | |
| Aspiration hazard | No information available. |
| <u>Inhalation</u> | |
| Inhalation | Vapour may irritate respiratory system/lungs. |
| <u>Ingestion</u> | |
| Ingestion | Harmful if swallowed. Lethal dose to humans 100ml |
| <u>Skin contact</u> | |
| Skin contact | Prolonged and frequent contact may cause redness and irritation. |
| <u>Eye contact</u> | |
| Eye contact | May cause temporary eye irritation. |
| <u>Target organs</u> | |
| Target organs | Liver Kidneys |

2-BUTOXYETHANOL

| | |
|--|---------------------------|
| <u>Acute toxicity - oral</u> | |
| Acute toxicity oral (LD₅₀ mg/kg) | 1,746.0 |
| Species | Rat |
| ATE oral (mg/kg) | 1,746.0 |
| <u>Acute toxicity - dermal</u> | |
| Acute toxicity dermal (LD₅₀ mg/kg) | 2,000.0 |
| Species | Guinea pig |
| ATE dermal (mg/kg) | 2,000.0 |
| <u>Acute toxicity - inhalation</u> | |
| ATE inhalation (vapours mg/l) | 11.0 |
| <u>Skin corrosion/irritation</u> | |
| Animal data | No information available. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | No information available. |

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Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

Inhalation Harmful by inhalation.

Ingestion Harmful if swallowed.

Skin contact Harmful in contact with skin. Irritating to skin.

Acute and chronic health hazards A single exposure may cause the following adverse effects: Central nervous system depression.

Target organs Eyes Skin Respiratory system, lungs

SECTION 12: Ecological information

Ecological information on ingredients.

ETHANEDIOL

Ecotoxicity The product components are not classified as environmentally hazardous. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

2-BUTOXYETHANOL

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity The product is not expected to be hazardous to the environment.

Ecological information on ingredients.

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FATTY ALCOHOL SURFACTANT

Acute aquatic toxicity

| | |
|---|---|
| Acute toxicity - fish | EC ₅₀ , 48 hours: 1-10 mg/l, Algae LC ₅₀ , 96 hours: 1-10 mg/l, Fish |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 48 hours: 1-10 mg/l, Daphnia magna |

ETHANEDIOL

Acute aquatic toxicity

| | |
|---|--|
| Acute toxicity - fish | LC ₅₀ , 96 hours: 72860 mg/l, Pimephales promelas (Fat-head Minnow) |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 48 hours: >100 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | EC ₅₀ , 96 hours: 6500-13000 mg/l, |
| Acute toxicity - microorganisms | EC ₅₀ , 30 minutes: 225 mg/l, Activated sludge |

2-BUTOXYETHANOL

| | |
|---|--|
| Toxicity | Not considered toxic to fish. |
| <u>Acute aquatic toxicity</u> | |
| Acute toxicity - fish | LC ₅₀ , 96 hour: 1474 mg/l, Oncorhynchus mykiss (Rainbow trout) |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 48 hours: 1550 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | EC ₅₀ , 72 hours: 1840 mg/l, Algae, Pseudokirchneriella subcapitata |
| <u>Chronic aquatic toxicity</u> | |
| Chronic toxicity - fish early life stage | NOEL, 21 days: >100 mg/l, Brachydanio rerio (Zebra Fish) |
| Chronic toxicity - aquatic invertebrates | NOEL, 21 days: 100 mg/l, Daphnia magna |

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

Ecological information on ingredients.

FATTY ALCOHOL SURFACTANT

| | |
|--------------------------------------|-----------------------|
| Persistence and degradability | Readily biodegradable |
|--------------------------------------|-----------------------|

ETHANEDIOL

| | |
|--------------------------------------|---------------------------------------|
| Persistence and degradability | The product is readily biodegradable. |
|--------------------------------------|---------------------------------------|

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Biodegradation - Degradation 90: > 10 days

2-BUTOXYETHANOL

Persistence and degradability The product is readily biodegradable.

Biodegradation - Degradation (%) 90.4: 28 days

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

FATTY ALCOHOL SURFACTANT

Bioaccumulative potential No potential for bioaccumulation.

ETHANEDIOL

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient : -1.36

2-BUTOXYETHANOL

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient : ~ 0.8

12.4. Mobility in soil

Mobility The product is soluble in water.

Ecological information on ingredients.

FATTY ALCOHOL SURFACTANT

Mobility Soluble in water. Absorbs on soil

ETHANEDIOL

Mobility The product is soluble in water.

Adsorption/desorption coefficient Water - Koc: 1 @ °C

2-BUTOXYETHANOL

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

FATTY ALCOHOL SURFACTANT

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Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

ETHANEDIOL

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

2-BUTOXYETHANOL

Results of PBT and vPvB assessment No information available.

12.6. Other adverse effects

Other adverse effects Not available.

Ecological information on ingredients.

FATTY ALCOHOL SURFACTANT

Other adverse effects No data available

ETHANEDIOL

Other adverse effects None known.

2-BUTOXYETHANOL

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

STAR MULTI-PURPOSE DEGREASER

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

Not available.

SECTION 16: Other information

| | |
|---|--|
| General information | Only trained personnel should use this material. |
| Key literature references and sources for data | Health and Safety Executive (HSE). MARPOL 73/78 Annex II - Regulations for the Control of Pollution by Noxious Liquid Substances in Bulk. Source: European Chemicals Agency, http://echa.europa.eu/ |
| Revision date | 02/05/2023 |
| Revision | 2 |
| Supersedes date | 12/05/2020 |
| SDS number | 21542 |
| Hazard statements in full | H226 Flammable liquid and vapour. H290 May be corrosive to metals. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects. |
| Signature | Edita Dabasinskaite |