



Material Safety Data Sheet (MSDS) Report

Material Safety Data Sheet (MSDS) Report

Report Number: STSGZ2406033068E-V3

Applicant: Suzhou Hengfu Clean Technology Co., LTD

Issue Date: 5-Nov-2024

Address: 5300 Wuzhong Avenue, Wuzhong District, Suzhou City, Jiangsu Province

Sample Description:

The sample information was submitted and identified on client's behalf to be:

Product Name : Multi-Surface Floor Cleaner

Physical State : Liquid

Data Received : Jun 3, 2024

Data Reviewed : Jun 5, 2024

Remark : This report replaces the original report STSGZ2406033068E-V2 and the original report is invalid.

Service Requested:

Based on the information provided by the applicant, the Safety Data Sheet (MSDS) was generated in accordance with requirements of Regulation (EC) No. 1907/2006, Regulations (EU) No. 2020/878, Regulation (EC) No. 1272/2008 [CLP], for details please refer to attached pages.

Signed for and on behalf of STS

Mark Mai
(Technical Director)



The sample(s) and sample information was/were submitted and identified by the client. The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report shall not be reproduced expected in full, without written approval of the Company.

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

1.1 Product identifier

| | |
|---------------------------|-----------------------------|
| Product Name | Multi-Surface Floor Cleaner |
| CAS No. | Not applicable |
| EC No. | Not applicable |
| Molecular Formula | Not applicable |
| REACH Registration Number | - |
| UFI | No information available |

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

| | |
|--------------------------|------------------------------|
| Relevant identified uses | Please consult manufacturer. |
| Uses advised against | Please consult manufacturer. |

1.3 Details of the supplier of the Safety Data Sheet

| | |
|------------------------|---|
| Name of the company | Suzhou Hengfu Cleaning Technology Co., LTD |
| Address of the company | 5300 Wuzhong Dadao, Wuzhong District, Suzhou City, Jiangsu Province |
| Post code | _____ |
| Telephone number | _____ |
| Fax number | _____ |
| E-mail address | _____ |

1.4 Emergency telephone number

| | |
|----------------------------|-------|
| Emergency telephone number | _____ |
| Opening hours | _____ |

2 Hazards identification

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

| | |
|-----------------------|------------|
| Eye Damage/Irritation | Category 1 |
|-----------------------|------------|

2.2 Label elements

| | |
|-------------------|---|
| Hazard pictograms |  |
| Signal word | Danger |

Hazard statements

| | |
|------|---------------------------|
| H318 | Causes serious eye damage |
|------|---------------------------|

Precautionary statements

◆ Prevention

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

◆ Response

| | |
|-----------------------|--|
| P310 | Immediately call a POISON CENTER/doctor. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

◆ Storage

| | |
|----------------|----------------|
| Storage | Not applicable |
|----------------|----------------|

◆ Disposal

| | |
|-----------------|----------------|
| Disposal | Not applicable |
|-----------------|----------------|

2.3 Other hazards

◆ Results of PBT and vPvB assessment

| Component | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|------------------------------|---|
| Water | Not PBT/vPvB |
| Fatty acid alkanoates | Not PBT/vPvB |
| Fatty acids, coco, Me esters | Not PBT/vPvB |
| Alkyl glycoside | Not PBT/vPvB |
| 2-(2-butoxyethoxy)ethanol | Not PBT/vPvB |
| Fragrance | Not PBT/vPvB |
| 2-Phenoxyethanol | Not PBT/vPvB |
| CI42090 | Not PBT/vPvB |

◆ Results of endocrine disrupting properties assessment

| Component | Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605] |
|------------------------------|--|
| Water | Not ED |
| Fatty acid alkanoates | Not ED |
| Fatty acids, coco, Me esters | Not ED |
| Alkyl glycoside | Not ED |
| 2-(2-butoxyethoxy)ethanol | Not ED |
| Fragrance | Not ED |
| 2-Phenoxyethanol | Not ED |
| CI42090 | Not ED |

◆ Other

Not applicable.

3 Composition/information on ingredients

3.1 Substance/mixture

Mixture

| Component | Weight % content (or range) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific Conc. Limits, M-factors |
|---|-----------------------------|---|----------------------------------|
| Water CAS: 7732-18-5 EC: 231-791-2 Index No.: - | 93.6999 | Not Classified | - |
| Fatty acid alkanoates CAS: 120313-48-6 EC: 639-733-1 Index No.: - | 1 | Skin Corrosion/Irritation, Category 2, H315; Eye Damage/Irritation, Category 1, H318; Hazardous To The Aquatic Environment – Short-Term (Acute) Hazard, Category 1, H400 | - |
| Fatty acids, coco, Me esters CAS: 61788-59-8 EC: 262-988-1 Index No.: - | 1 | Hazardous To The Aquatic Environment – Short-Term (Acute) Hazard, Category 1, H400 | - |
| Alkyl glycoside CAS: 161074-97-1 EC: 500-533-3 Index No.: - | 2 | Eye Damage/Irritation, Category 1, H318 | - |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 Index No.: 603-096-00-8 | 2 | Eye Damage/Irritation, Category 2, H319 | - |
| Fragrance CAS: 8492-31-7 EC: - Index No.: - | 0.2 | Not Classified | - |
| 2-Phenoxyethanol CAS: 122-99-6 EC: 204-589-7 Index No.: 603-098-00-9 | 0.1 | Acute Toxicity – Oral, Category 4, H302; Eye Damage/Irritation, Category 1, H318; Specific target organ toxicity, single exposure; Respiratory tract irritation, Category 3, H335 | H302:ATE = 1394 mg/kg |
| C142090 CAS: 37307-56-5 EC: - Index No.: - | 0.0001 | Not Classified | - |

4 First-aid measures

4.1 Description of first aid measures

| | |
|-----------------------------------|--|
| General advice | Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance. |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable. |
| Skin contact | Wash off with plenty of soap and water and consult a physician if feel uncomfortable. |
| Ingestion | Rinse the mouth. |
| Inhalation | Move victim into fresh air. If breathing is difficult, give oxygen. |
| Protecting of first-aiders | Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination. |

4.2 Most important symptoms/effects, acute and delayed

| | |
|---|------------------------|
| 1 | Please see section 11. |
|---|------------------------|

4.3 Indication of any immediate medical attention and special treatment needed

| | |
|---|--------------------------|
| 1 | Treat symptomatically. |
| 2 | Symptoms may be delayed. |

5 Fire-fighting measures

5.1 Extinguishing media

| | |
|---------------------------------------|---|
| Suitable extinguishing media | In case of fire: Use extinguishing media suitable for surrounding area. |
| Unsuitable extinguishing media | There is no restriction on the type of extinguisher which may be used. |

5.2 Specific hazards arising from the substance or mixture

| | |
|---|---|
| 1 | Development of hazardous combustion gases or vapor possible in the event of fire. |
| 2 | May expansion or decompose explosively when heated or involved in fire. |

5.3 Advice for firefighters

| | |
|---|---|
| 1 | As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. |
| 2 | Fight fire from a safe distance, with adequate cover. |
| 3 | Prevent fire extinguishing water from contaminating surface water or the ground water system. |

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| | |
|---|---|
| 1 | Use personal protective equipment, do not breathe gas/mist/vapour/spray. |
| 2 | Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. |
| 3 | Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. |

6.2 Environmental precautions

| | |
|---|---|
| 1 | Prevent further leakage or spillage if safe to do so. |
| 2 | Discharge into the environment must be avoided. |

6.3 Methods and materials for containment and cleaning up

| | |
|---|---|
| 1 | Cut off the source of the leak as much as possible. |
| 2 | Keep leaks in a ventilated place. |
| 3 | Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding. |
| 4 | Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. |
| 5 | Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container. |

6.4 Reference to other sections

| | |
|---|--|
| 1 | Personal Protective Equipment advice is contained in Section 8 of the SDS. |
| 2 | Disposal considerations advice is contained in Section 13 of the SDS. |

7 Handling and storage

7.1 Precautions for safe handling

◆ Protective measures

| | |
|---|---|
| 1 | Handling is performed in a well ventilated place. |
| 2 | Wear suitable protective equipment. |
| 3 | Avoid contact with skin and eyes. |

◆ Measures to prevent fire

| | |
|---|---|
| 1 | Keep away from heat/sparks/open flames/ hot surfaces. |
|---|---|

◆ Measures to prevent aerosol and dust generation

| | |
|---|-----------------|
| 1 | Not applicable. |
|---|-----------------|

◆ Advice on general occupational hygiene

| | |
|---|--|
| 1 | Wash hands and face after using of the substances. |
| 2 | Replace the contaminated clothing immediately. |

7.2 Conditions for safe storage, including any incompatibilities

| | |
|---|--|
| 1 | Keep containers tightly closed. |
| 2 | Keep containers in a dry, cool and well-ventilated place. |
| 3 | Keep away from heat/sparks/open flames/hot surfaces. |
| 4 | Store away from incompatible materials and foodstuff containers. |

7.3 Specific end use(s)

| | |
|---|--|
| 1 | In addition to use mentioned in the Section 1.2, unforeseen other specific end uses. |
|---|--|

8 Exposure controls/personal protection

8.1 Control parameters

| Component | Country/Region | Limit value - Eight hours | | Limit value - Short term | |
|---------------------------|------------------|---------------------------|-------------------|--------------------------|-------------------|
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| 2-(2-butoxyethoxy)ethanol | Latvia | 10 | 67.5 | 15 | 101.2 |
| | Ireland | 10 | 67.5 | 15 | 101.2 |
| | Germany (AGS) | 10 | 67 | 15 | 100 |
| | Denmark | - | 100 | - | 200 |
| | Belgium | 10 | 67.5 | 15 | 101.2 |
| | Austria | 10 | 67.5 | 15 | 101.2 |
| | USA-ACGIH | 10 | - | - | - |
| 2-Phenoxyethanol | Switzerland | 20 | 110 | 40 | 220 |
| | Poland | - | 230 | - | - |
| | Germany (DFG) | 20 | 110 | 40 | 220 |
| | Germany (AGS) | 20 | 110 | 40 | 220 |
| | Canada - Ontario | 25 | 141 | - | - |
| | Austria | 20 | 110 | 20 | 110 |

◆ Biological limit values

| | |
|--------------------------------|-------------------------|
| Biological limit values | No relevant regulations |
|--------------------------------|-------------------------|

◆ Monitoring methods

| | |
|---|---|
| 1 | EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. |
| 2 | GBZ/T 300 series standard Determination of toxic substances in workplace air. |

◆ Derived No effect level (DNEL)

| Component | Route of exposure | DNEL for Workers | | | |
|------------------------|-------------------|-----------------------|--------------------------|-------------------------|----------------------------|
| | | Acute effects (local) | Acute effects (systemic) | Chronic effects (local) | Chronic effects (systemic) |
| Water | Inhalation | No data available | No data available | No data available | No data available |
| | Oral | No data available | No data available | No data available | No data available |
| | Dermal | No data available | No data available | No data available | No data available |
| Fatty acid alkanolates | Inhalation | No data available | No data available | No data available | No data available |
| | Oral | No data available | No data available | No data available | No data available |
| | Dermal | No data available | No data available | No data available | No data available |

| | | | | | |
|-------------------------------------|------------|-------------------|-------------------|------------------------|-----------------------|
| Fatty acids, coco, Me esters | Inhalation | No data available | No data available | No data available | No data available |
| | Oral | No data available | No data available | No data available | No data available |
| | Dermal | No data available | No data available | No data available | No data available |
| Alkyl glycoside | Inhalation | No data available | No data available | No data available | No data available |
| | Oral | No data available | No data available | No data available | No data available |
| | Dermal | No data available | No data available | No data available | No data available |
| 2-(2-butoxyethoxy)ethanol | Inhalation | No data available | No data available | 67.5 mg/m ³ | No data available |
| | Oral | No data available | No data available | No data available | No data available |
| | Dermal | No data available | No data available | No data available | No data available |
| Fragrance | Inhalation | No data available | No data available | No data available | No data available |
| | Oral | No data available | No data available | No data available | No data available |
| | Dermal | No data available | No data available | No data available | No data available |
| 2-Phenoxyethanol | Inhalation | No data available | No data available | 5.7 mg/m ³ | 5.7 mg/m ³ |
| | Oral | No data available | No data available | No data available | No data available |
| | Dermal | No data available | No data available | No data available | No data available |
| CI42090 | Inhalation | No data available | No data available | No data available | No data available |
| | Oral | No data available | No data available | No data available | No data available |
| | Dermal | No data available | No data available | No data available | No data available |

◆ Predicted No Effect Concentration (PNEC)



| | |
|---|--------------------------|
| Predicted No Effect Concentration (PNEC) | No information available |
|---|--------------------------|

8.2 Exposure controls

8.2.1 Engineering controls

| | |
|---|--|
| 1 | Ensure adequate ventilation, especially in confined areas. |
| 2 | Ensure that eyewash stations and safety showers are close to the workstation location. |
| 3 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| 4 | Set up emergency exit and necessary risk-elimination area. |

8.2.2 Personal protection equipment

| | |
|---------------------------------|---|
| General requirement |   |
| Eye protection | Must wear appropriate anti-corrosion goggles. |
| Hand protection | Must wear acid and alkali resistant chemical protective gloves. |
| Respiratory protection | In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask. |
| Skin and body protection | In general situation, skin and body protection are not needed. |

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | Liquid |
| Colour | White |
| Odor | Characteristic odor |
| Odor threshold | No information available |
| pH | No information available |
| Melting point/freezing point(°C) | 0 (Water) |
| Initial boiling point and boiling range(°C) | 100 (Water) |
| Flash point(Closed cup, °C) | The flash point above 93 °C |
| Evaporation rate | No information available |
| Flammability | Not combustible |
| Upper/lower explosive limits[% (v/v)] | Upper limit: 9.4 (2-(2-butoxyethoxy)ethanol) ; Lower limit: 0.8 (2-(2-butoxyethoxy)ethanol) |
| Vapor pressure | 2.33kPa (Water) |
| Vapor density(Air = 1) | > 1 (Water) |
| Relative density(Water=1) | 1 (Water) |
| Solubility | Miscible with water |
| n-octanol/water partition coefficient | 0.3 (2-(2-butoxyethoxy)ethanol) |
| Auto-ignition temperature(°C) | Not combustible |
| Decomposition temperature(°C) | No information available |
| Kinematic viscosity | No information available |
| Explosive properties | Not explosive |
| Oxidizing properties | Not oxidizing |
| Particle characteristics | Not applicable |

9.2 Other information

| | |
|-------------------|---------------|
| Other information | Not Available |
|-------------------|---------------|

10 Stability and reactivity

Stability and reactivity

| | |
|---|---|
| 10.1 Reactivity | Contact with incompatible substances can cause decomposition or other chemical reactions. |
| 10.2 Chemical stability | Stable under proper operation and storage conditions. |
| 10.3 Possibility of hazardous reactions | In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen. |
| 10.4 Conditions to avoid | Incompatible materials, heat, flame and spark. |
| 10.5 Incompatible materials | Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide. |
| 10.6 Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11 Toxicological information

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

| Multi-Surface Floor Cleaner | |
|-----------------------------------|--|
| Skin corrosion/irritation | Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | Causes serious eye damage(Category 1) |
| Skin sensitization | Based on available data, the classification criteria are not met |
| Respiratory sensitization | Based on available data, the classification criteria are not met |
| Reproductive toxicity | Based on available data, the classification criteria are not met |
| STOT-single exposure | Based on available data, the classification criteria are not met |
| STOT-repeated exposure | Based on available data, the classification criteria are not met |
| Aspiration hazard | Based on available data, the classification criteria are not met |
| Germ cell mutagenicity | Based on available data, the classification criteria are not met |
| Reproductive toxicity(additional) | Based on available data, the classification criteria are not met |

Acute toxicity

| Component | LD ₅₀ (oral) | LD ₅₀ (dermal) | LC ₅₀ (inhalation,4h) |
|---------------------------|-------------------------|---------------------------|----------------------------------|
| 2-(2-butoxyethoxy)ethanol | 5660mg/kg(Rat) | 2700mg/kg(Rabbit) | No information available |
| 2-Phenoxyethanol | 1260mg/kg(Rat) | 5510mg/kg(Rabbit) | No information available |

Carcinogenicity

| Component | List of carcinogens by the IARC Monographs | Report on Carcinogens by NTP |
|-----------|--|------------------------------|
| Water | Not Listed | Not Listed |

| | | |
|-------------------------------------|------------|------------|
| Fatty acid alkanoates | Not Listed | Not Listed |
| Fatty acids, coco, Me esters | Not Listed | Not Listed |
| Alkyl glycoside | Not Listed | Not Listed |
| 2-(2-butoxyethoxy)ethanol | Not Listed | Not Listed |
| Fragrance | Not Listed | Not Listed |
| 2-Phenoxyethanol | Not Listed | Not Listed |
| CI42090 | Not Listed | Not Listed |

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

| Component | Endocrine disrupting properties |
|-------------------------------------|---------------------------------|
| Water | Not ED |
| Fatty acid alkanoates | Not ED |
| Fatty acids, coco, Me esters | Not ED |
| Alkyl glycoside | Not ED |
| 2-(2-butoxyethoxy)ethanol | Not ED |
| Fragrance | Not ED |
| 2-Phenoxyethanol | Not ED |
| CI42090 | Not ED |

11.2.2 Other Information

| | |
|--------------------------|------------------|
| Other Information | See Section 11.1 |
|--------------------------|------------------|

12 Ecological information

12.1 Toxicity

Acute aquatic toxicity

| Component | Fish | Crustaceans | Algae |
|----------------------------------|---|--------------------------|--------------------------|
| 2-(2-butoxyethoxy)ethanol | LC ₅₀ : 1300mg/L (96h)(Fish) | No information available | No information available |
| 2-Phenoxyethanol | LC ₅₀ : 344mg/L (96h)(Fish) | No information available | No information available |

Chronic aquatic toxicity

| | |
|---------------------------------|--------------------------|
| Chronic aquatic toxicity | No information available |
|---------------------------------|--------------------------|

12.2 Persistence and degradability

| Component | Persistence (water/soil) | Persistence (air) |
|---------------------------|--------------------------|-------------------|
| 2-(2-butoxyethoxy)ethanol | Low | Low |
| 2-Phenoxyethanol | Low | Low |

12.3 Bioaccumulative potential

| Component | Bioaccumulative potential | Comments |
|---------------------------|---------------------------|-------------|
| 2-(2-butoxyethoxy)ethanol | Low | BCF=46 |
| 2-Phenoxyethanol | Low | Log Kow=1.2 |

12.4 Mobility in soil

| Component | Mobility in soil | Soil Organic Carbon-Water Partitioning Coefficient (Koc) |
|---------------------------|------------------|--|
| 2-(2-butoxyethoxy)ethanol | Low | 10 |
| 2-Phenoxyethanol | Low | 12.12 |

12.5 Results of PBT and vPvB assessment

| Component | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|------------------------------|---|
| Water | Not PBT/vPvB |
| Fatty acid alkanoates | Not PBT/vPvB |
| Fatty acids, coco, Me esters | Not PBT/vPvB |
| Alkyl glycoside | Not PBT/vPvB |
| 2-(2-butoxyethoxy)ethanol | Not PBT/vPvB |
| Fragrance | Not PBT/vPvB |
| 2-Phenoxyethanol | Not PBT/vPvB |
| CI42090 | Not PBT/vPvB |

12.6 Endocrine disrupting properties

| Component | Endocrine disrupting properties |
|------------------------------|---------------------------------|
| Water | Not ED |
| Fatty acid alkanoates | Not ED |
| Fatty acids, coco, Me esters | Not ED |

| | |
|----------------------------------|--------|
| Alkyl glycoside | Not ED |
| 2-(2-butoxyethoxy)ethanol | Not ED |
| Fragrance | Not ED |
| 2-Phenoxyethanol | Not ED |
| CI42090 | Not ED |

13 Disposal considerations

13.1 Waste treatment methods

| | |
|---------------------------------|--|
| Waste chemicals | Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal. |
| Contaminated packaging | Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. |
| Disposal recommendations | Refer to section waste chemicals and contaminated packaging. |

14 Transport information

Label and Mark

| | |
|---------------------------|----------------|
| Transporting Label | Not applicable |
|---------------------------|----------------|

IMDG-CODE

| | |
|------------------|--|
| IMDG-CODE | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|------------------|--|

IATA-DGR

| | |
|-----------------|--|
| IATA-DGR | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|-----------------|--|

UN-ADR

| | |
|---------------|--|
| UN-ADR | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|---------------|--|

Maritime transport in bulk according to IMO instruments

| | |
|--|---------------|
| ◆ Transport in bulk according to Annex II of MARPOL and the IBC code | |
| | Not Available |
| ◆ Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code | |
| | Not Available |
| ◆ Transport in bulk in accordance with the IGC Code | |
| | Not Available |

15 Regulatory information

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

International chemical inventory

| Component | EC inventory | TSCA | DSL | IECS C | NZIo C | PICCS | KECI | AIIC | ENC S |
|------------------------------|--------------|------|-----|--------|--------|-------|------|------|-------|
| Water | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Fatty acid alkanoates | × | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Fatty acids, coco, Me esters | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | × |
| Alkyl glycoside | ✓ | × | × | ✓ | ✓ | × | × | × | × |
| 2-(2-butoxyethoxy)ethanol | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Fragrance | × | × | × | × | × | × | × | × | × |
| 2-Phenoxyethanol | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CI42090 | × | × | × | ✓ | × | × | × | × | × |

| | |
|----------------|---|
| [EC inventory] | European Inventory of Existing Commercial Chemical Substances |
| [TSCA] | United States Toxic Substances Control Act Inventory |
| [DSL] | Canadian Domestic Substances List |
| [IECSC] | China Inventory of Existing Chemical Substances |
| [NZIoC] | New Zealand Inventory of Chemicals |
| [PICCS] | Philippines Inventory of Chemicals and Chemical Substances |
| [KECI] | Korea Existing Chemicals Inventory |
| [AIIC] | Australian. Inventory of Industrial Chemical (AIIC) |
| [ENC S] | Japan Inventory of Existing & New Chemical Substances |

European chemical inventory

| Component | A | B | C | D | E | F | G |
|------------------------------|---|---|---|---|---|---|---|
| Water | × | × | × | ✓ | × | × | × |
| Fatty acid alkanoates | × | × | × | × | × | × | × |
| Fatty acids, coco, Me esters | × | × | × | ✓ | × | × | × |
| Alkyl glycoside | × | × | × | ✓ | × | × | × |
| 2-(2-butoxyethoxy)ethanol | × | × | ✓ | ✓ | ✓ | × | × |
| Fragrance | × | × | × | × | × | × | × |
| 2-Phenoxyethanol | × | × | × | ✓ | ✓ | × | × |
| CI42090 | × | × | × | × | × | × | × |

| | |
|-----|---|
| [A] | Candidate list of Substances of Very High Concern for authorization under EU REACH regulation |
| [B] | Substances requiring authorisation under EU REACH regulation |
| [C] | Substances restricted under EU REACH |
| [D] | Pre-registered substances under EU REACH |
| [E] | Registered substances under EU REACH |
| [F] | Substance Evaluation – CoRAP under EU REACH |
| [G] | List of priority substances under EU water policy (Directive 2455/2001/EC) |

Note:

- “√” Indicates that the substance included in the regulations.
 “x” No data or not included in the regulations.

16 Other information

Information on revision

| | |
|---------------------|------------|
| Creation Date | 2024/06/03 |
| Revision Date | 2024/06/05 |
| Reason for revision | - |

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

| | | | |
|------------------|--------------------------------------|-----------|---|
| CAS | Chemical Abstracts Service | UN | The United Nations |
| PC-STEL | Short term exposure limit | OECD | Organization for Economic Co-operation and Development |
| PC-TWA | Time Weighted Average | IMDG-CODE | International Maritime Dangerous Goods CODE |
| MAC | Maximum Allowable Concentration | IARC | International Agency for Research on Cancer |
| DNEL | Derived No Effect Level | ICAO | International Civil Aviation Organization |
| PNEC | Predicted No Effect Concentration | IATA | International Air Transportation Association |
| NOEC | No Observed Effect Concentration | ACGIH | American Conference of Governmental Industrial Hygienists |
| LC ₅₀ | Lethal Concentration 50% | NFPA | National Fire Protection Association |
| LD ₅₀ | Lethal Dose 50% | NTP | National Toxicology Program |
| EC ₅₀ | Effective Concentration 50% | PBT | Persistent, Bioaccumulative, Toxic |
| EC _x | Effective Concentration X% | vPvB | very Persistent, very Bioaccumulative |
| P _{OW} | Partition coefficient Octanol: Water | CMR | Carcinogens, mutagens or substances toxic to reproduction |
| BCF | Bioconcentration factor | RPE | Respiratory Protective Equipment |
| ED | Endocrine disruptor | | |

Disclaimer

This Safety Data Sheet (MSDS) was prepared according to (EC) No 1907/2006 (REACH). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.