

SAFETY DATA SHEET

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NGHS / English



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1. IDENTIFICATION

Product identifier

Product Name Skin Cleanser & Deodorizer

Other means of identification

Product Code(s) 1466356

Recommended use of the chemical and restrictions on use

Recommended Use Skin Cleanser & Deodorizer

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Arjo Canada Inc.

Address Suite 350, 90 Matheson Boulevard West
Mississauga, Ontario
L5R 3R3
Canada

Telephone Phone: 1-800-665-4831

E-mail info.canada@arjo.com

Emergency telephone number

Company Emergency Phone Number 1-905-238-7880

2. HAZARDS IDENTIFICATION

Classification

Not classified.



The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Light violet

Physical state Liquid

Odor Lemon

GHS Label elements, including precautionary statements

Hazard statements

Not classified.

Other information

Causes mild skin irritation. Harmful to aquatic life with long lasting effects.

Unknown acute toxicity 12.5 % of the mixture consists of ingredient(s) of unknown toxicity

6 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

8.5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

12.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

12.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

12.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

| Chemical name | CAS No. | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|--------------------------------|------------|----------|---|---|
| Sodium lauryl sulfate | 151-21-3 | 4 | - | - |
| Disodium cocoamphodiacetate | 68650-39-5 | 4 | - | - |
| Glycerin | 56-81-5 | 2.5 | - | - |
| Benzethonium chloride | 121-54-0 | 0.1 | - | - |

4. FIRST AID MEASURES

First aid measures

Inhalation

Remove to fresh air.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.
Consult a physician.

Skin contact

Wash skin with soap and water.



Ingestion Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical No information available.

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.



Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Limits**

| Chemical name | | ACGIH TLV | | OSHA PEL | | NIOSH IDLH | | | |
|---------------------|--|--------------------------------|--|--|--|---------------|--|---------------------------|--|
| Glycerin 56-81-5 | | TWA: 10 mg/m ³ mist | | TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction | | | | | |
| Chemical name | | Alberta | | British Columbia | | Ontario TWAEV | | Quebec | |
| Glycerin 56-81-5 | | TWA: 10 mg/m ³ | | TWA: 10 mg/m ³ TWA: 3 mg/m ³ | | | | TWA: 10 mg/m ³ | |

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state Liquid
Appearance Light violet
Odor Lemon
Color Light violet
Odor Threshold No information available

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | <u>Method</u> |
|-----------------|---------------|----------------|---------------|
|-----------------|---------------|----------------|---------------|



| | | |
|--|-------------------|------------|
| pH | 5.0 – 6.0 | USP |
| Melting / freezing point | No data available | None known |
| Boiling point / boiling range | No data available | None known |
| Flash Point | No data available | None known |
| Evaporation Rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limit in Air | | None known |
| Upper flammability limit | No data available | |
| Lower flammability limit | No data available | |
| Vapor pressure | No data available | None known |
| Vapor density | No data available | None known |
| Relative density | 0.9683 – 1.0683 | USP |
| Water Solubility | Soluble in water | |
| Solubility(ies) | No data available | None known |
| Partition coefficient: n-octanol/water | no info available | |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |

Other Information

| | |
|----------------------------|--------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Softening Point | No information available |
| Molecular Weight | No information available |
| VOC Content (%) | No information available |
| Liquid Density | No information available |
| Bulk Density | No information available |
| Particle Size | No information available |
| Particle Size Distribution | No information available |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | No information available. |
| Chemical stability | Stable under normal conditions. |
| Possibility of Hazardous Reactions | None under normal processing. |
| Hazardous Polymerization | Hazardous polymerization does not occur. |
| Conditions to avoid | None known based on information supplied. |
| Incompatible materials | None known based on information supplied. |
| Hazardous Decomposition Products | Carbon oxides. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

| | |
|------------|---|
| Inhalation | Specific test data for the substance or mixture is not available. |
|------------|---|

| | |
|---------------------|---|
| Eye contact | Specific test data for the substance or mixture is not available. |
| Skin contact | Specific test data for the substance or mixture is not available. |
| Ingestion | Specific test data for the substance or mixture is not available. |

Information on toxicological effects

| | |
|-----------------|---------------------------|
| Symptoms | No information available. |
|-----------------|---------------------------|

Numerical measures of toxicity**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

| | |
|------------------------|-----------------|
| ATEmix (oral) | 23,234.20 mg/kg |
| ATEmix (dermal) | 27,500.00 mg/kg |

| | |
|-------------------------------|--|
| Unknown acute toxicity | 12.5 % of the mixture consists of ingredient(s) of unknown toxicity |
| | 6 % of the mixture consists of ingredient(s) of unknown acute oral toxicity |
| | 8.5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity |
| | 12.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas) |
| | 12.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor) |
| | 12.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist) |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------|---|------------------------|--------------------------------------|
| Sodium lauryl sulfate | = 1288 mg/kg (Rat) | = 200 mg/kg (Rabbit) | > 3900 mg/m ³ (Rat) 1 h |
| Glycerin | = 12600 mg/kg (Rat) | > 10 g/kg (Rabbit) | > 570 mg/m ³ (Rat) 1 h |
| Benzethonium chloride | = 295 mg/kg (Rat) = 368 mg/kg (Rat) | - | - |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--|---------------------------|
| Skin corrosion/irritation | No information available. |
| Serious eye damage/eye irritation | No information available. |
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |

| |
|-----------------------------------|
| 12. ECOLOGICAL INFORMATION |
|-----------------------------------|

Ecotoxicity

Harmful to aquatic life with long lasting effects.

| Chemical name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|-----------------------|---|---|--|----------------------------|
| Sodium lauryl sulfate | 96h EC50: 30 - 100 mg/L (Desmodesmus subspicatus) 96h EC50: = 117 mg/L (Pseudokirchneriella subcapitata) 96h EC50: 3.59 - 15.6 mg/L (Pseudokirchneriella subcapitata) 72h EC50: = 53 mg/L (Desmodesmus subspicatus) | 96h LC50: 4.2 - 4.8 mg/L (Lepomis macrochirus) 96h LC50: = 4.5 mg/L (Lepomis macrochirus) 96h LC50: 4.06 - 5.75 mg/L (Lepomis macrochirus) 96h LC50: 6.2 - 9.6 mg/L (Pimephales promelas) 96h LC50: = 1.31 mg/L (Cyprinus carpio) 96h LC50: 9.9 - 20.1 mg/L (Brachydanio rerio) 96h LC50: 4.3 - 8.5 mg/L (Oncorhynchus mykiss) 96h LC50: = 4.62 mg/L (Oncorhynchus mykiss) 96h LC50: 22.1 - 22.8 mg/L (Pimephales promelas) 96h LC50: = 4.2 mg/L (Oncorhynchus mykiss) 96h LC50: 10.8 - 16.6 mg/L (Poecilia reticulata) 96h LC50: 13.5 - 18.3 mg/L (Poecilia reticulata) 96h LC50: 10.2 - 22.5 mg/L (Pimephales promelas) 96h LC50: = 7.97 mg/L (Brachydanio rerio) 96h LC50: 15 - 18.9 mg/L (Pimephales promelas) 96h LC50: 5.8 - 7.5 mg/L (Pimephales promelas) 96h LC50: 8 - 12.5 mg/L (Pimephales promelas) | EC50 = 0.46 mg/L 30 min EC50 = 0.72 mg/L 15 min EC50 = 1.19 mg/L 5 min | 48h EC50: = 1.8 mg/L |
| Glycerin | - | 96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss) | - | 24h EC50: > 500 mg/L |

Persistence and Degradability No information available.**Bioaccumulation**

| Chemical name | Log Pow |
|-----------------------|---------|
| Sodium lauryl sulfate | 1.6 |
| Glycerin | -1.76 |

Mobility No information available.**Other adverse effects** No information available.**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

California Waste Codes 561

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name NOT REGULATED
Hazard Class NON-REGULATED
 N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA
Proper Shipping Name Not regulated
Hazard Class NON REGULATED
 N/A

IMDG/IMO
Hazard Class Not regulated
 N/A

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

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

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA Contact supplier for inventory compliance status.
DSL/NDL Contact supplier for inventory compliance status.
EINECS/ELINCS Contact supplier for inventory compliance status.
ENCS Contact supplier for inventory compliance status.
KECL Contact supplier for inventory compliance status.

PICCS Contact supplier for inventory compliance status.
AICS Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

| Chemical name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---------------------|------------|---------------|--------------|--------------|----------|
| Glycerin 56-81-5 | X | X | X | X | |

16. OTHER INFORMATION

| | | | | |
|--------------------|------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 1 | Flammability 0 | Instability 0 | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 1 | Flammability 0 | Physical hazards 0 | Personal Protection X |



Prepared By Product Stewardship
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Revision Note No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet