

# SAFETY DATA SHEET

Issuing Date 06-Sep-2023

Revision Date 01-Apr-2022

Revision Number 2

NGHS / English



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## 1. IDENTIFICATION

### Product identifier

**Product Name** Jamaican Black Castor Oil Rinse Out Conditioner

### Other means of identification

**Product Code(s)** 1360439

### Recommended use of the chemical and restrictions on use

**Recommended Use** Conditioner

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

**Supplier Identification** Sundial Group LLC

**Address** 40 Merritt Blvd  
Trumbull  
CT  
06611  
US

**Telephone** Phone:(475)239-6900  
Fax:6318424444

**E-mail** dmuccia@sundialbrands.com

### Emergency telephone number

**Company Emergency Phone Number** 6318428800

## 2. HAZARDS IDENTIFICATION

### Classification

Not classified.

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



**Appearance** Brown

**Physical state** Viscous liquid Liquid

**Odor** Multiple Fragrances

**GHS Label elements, including precautionary statements**

**Hazard statements**

Not classified.

**Other information**

Causes mild skin irritation. Harmful to aquatic life.

**Unknown acute toxicity** 3.063 % of the mixture consists of ingredient(s) of unknown toxicity  
 3.063 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 3.063 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 3.063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 3.063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 3.063 % 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) |
|-------------------------|------------|----------|--|---|
| Behentrimonium chloride | 17301-53-0 | 1.063    | -  | -   |

**4. FIRST AID MEASURES**

**Description of 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** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**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**

**Information on basic physical and chemical properties**

**Physical state** Viscous liquid; Liquid  
**Appearance** Brown  
**Odor** Multiple Fragrances  
**Color** No information available  
**Odor Threshold** Not applicable

| <u>Property</u>                        | <u>Values</u>     | <u>Remarks Method</u> |
|--|-------------------|-----------------------|
| pH                                     | UNKNOWN           |                       |
| 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              |                   |                       |
| 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                       | 1.0               |                       |
| Water Solubility                       | Soluble in water  |                       |
| Solubility(ies)                        | No data available | None known            |
| Partition coefficient: n-octanol/water | N/A               |                       |
| 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



|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Molecular Weight</b>           | No information available |
| <b>VOC Content (%)</b>            | No information available |
| <b>Liquid Density</b>             | No information available |
| <b>Bulk Density</b>               | No information available |
| <b>Particle Size</b>              | No information available |
| <b>Particle Size Distribution</b> | No information available |

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |

### Symptoms related to the physical, chemical and toxicological characteristics

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

### Numerical measures of toxicity

#### Acute toxicity

|                               |   |
|-------------------------------|---|
| <b>Unknown acute toxicity</b> | 3.063 % of the mixture consists of ingredient(s) of unknown toxicity                              |
|                               | 3.063 % of the mixture consists of ingredient(s) of unknown acute oral toxicity                   |
|                               | 3.063 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity                 |
|                               | 3.063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)       |
|                               | 3.063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)     |
|                               | 3.063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist) |

#### Product Information

#### Component Information



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

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

**12. ECOLOGICAL INFORMATION**

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Ecotoxicity</b>                   | Harmful to aquatic life.  |
| <b>Persistence and Degradability</b> | No information available. |
| <b>Bioaccumulation</b>               | No information available. |
| <b>Mobility</b>                      | No information available. |
| <b>Other adverse effects</b>         | No information available. |

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.  |

California Waste Codes 331

**14. TRANSPORT INFORMATION**

|                             |                |
|-----------------------------|----------------|
| <b>DOT</b>                  | NOT REGULATED  |
| <b>Proper Shipping Name</b> | NON-REGULATED  |
| <b>Hazard Class</b>         | N/A            |
| <b>TDG</b>                  | Not applicable |



|                      |                |
|----------------------|----------------|
| <u>MEX</u>           | Not applicable |
| <u>ICAO</u>          | Not applicable |
| <u>IATA</u>          | Not applicable |
| Proper Shipping Name | NON REGULATED  |
| Hazard Class         | N/A            |
| <u>IMDG/IMO</u>      | Not applicable |
| Hazard Class         | N/A            |
| <u>RID</u>           | Not applicable |
| <u>ADR</u>           | Not applicable |
| <u>ADN</u>           | Not applicable |

## 15. REGULATORY INFORMATION

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

#### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

#### International Inventories

|               |   |
|---------------|---|
| TSCA          | Contact supplier for inventory compliance status. |
| DSL/NDSL      | 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 does not contain any substances above threshold limits that are regulated by state right-to-know.

**16. OTHER INFORMATION**

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

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date** 06-Sep-2023

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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**



# SAFETY DATA SHEET

Issuing Date 17-Mar-2022

Revision Date 06-Sep-2023

Revision Number 4

NGHS / English



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## 1. IDENTIFICATION

### Product identifier

**Product Name** Jamaican Black Castor Oil Shampoo

### Other means of identification

**Product Code(s)** 1484130

### Recommended use of the chemical and restrictions on use

**Recommended Use** Shampoo (Liquid)

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

**Supplier Identification** Sundial Group LLC

**Address** 40 Merritt Blvd  
Trumbull  
CT  
06611  
US

**Telephone** Phone:(475)239-6900  
Fax:6318424444

**E-mail** dmuccia@sundialbrands.com

### Emergency telephone number

**Company Emergency Phone Number** 6318428800

## 2. HAZARDS IDENTIFICATION

### Classification

Not classified.

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



**Appearance** Brown**Physical state** Viscous liquid Liquid**Odor** Multiple Fragrances**GHS Label elements, including precautionary statements****Hazard statements**

Not classified.

**Other information**

Toxic to aquatic life.

**Unknown acute toxicity** 19.25 % of the mixture consists of ingredient(s) of unknown toxicity

19.25 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

19.25 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

19.25 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

19.25 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

19.25 % 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 lauroyl lactylate             | 13557-75-0 | 3.5      | -  | -   |
| Glycerin                             | 56-81-5    | 1.33     | -  | -   |
| Guar hydroxypropyltrimonium chloride | 65497-29-2 | 1        | -  | -   |

**4. FIRST AID MEASURES****Description of first aid measures**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Eye contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Skin contact</b> | Wash skin with soap and water.   |
| <b>Ingestion</b>    | 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<br>56-81-5 | TWA: 10 mg/m <sup>3</sup> mist | TWA: 15 mg/m <sup>3</sup> mist, total particulate<br>TWA: 5 mg/m <sup>3</sup> mist, respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate<br>(vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction |                                     |
| Chemical name       | Alberta                        | British Columbia   | Ontario TWAEV                       |
| Glycerin<br>56-81-5 | TWA: 10 mg/m <sup>3</sup>      | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup>  | Quebec<br>TWA: 10 mg/m <sup>3</sup> |

**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**

Information on basic physical and chemical properties

**Physical state** Viscous liquid; Liquid  
**Appearance** Brown  
**Odor** Multiple Fragrances  
**Color** No information available  
**Odor Threshold** Not applicable

| <u>Property</u>               | <u>Values</u>     | <u>Remarks Method</u> |
|-------------------------------|-------------------|-----------------------|
| pH                            | UNKNOWN           |                       |
| 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     |                   |                       |
| Upper flammability limit      | No data available |                       |



|   |                   |            |
|---|-------------------|------------|
| <b>Lower flammability limit</b>               | No data available |            |
| <b>Vapor pressure</b>                         | No data available | None known |
| <b>Vapor density</b>                          | No data available | None known |
| <b>Relative density</b>                       | 1.02              |            |
| <b>Water Solubility</b>                       | Soluble in water  |            |
| <b>Solubility(ies)</b>                        | No data available | None known |
| <b>Partition coefficient: n-octanol/water</b> | n/a               |            |
| <b>Autoignition temperature</b>               | No data available | None known |
| <b>Decomposition temperature</b>              | No data available | None known |
| <b>Kinematic viscosity</b>                    | No data available | None known |
| <b>Dynamic viscosity</b>                      | No data available | None known |

**Other Information**

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

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |

**Symptoms related to the physical, chemical and toxicological characteristics**

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

**Numerical measures of toxicity****Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document mg/kg

**Unknown acute toxicity** 19.25 % of the mixture consists of ingredient(s) of unknown toxicity  
 19.25 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 19.25 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 19.25 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 19.25 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 19.25 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

| Product Information                  |                       |                      |                         |
|--------------------------------------|-----------------------|----------------------|-------------------------|
| Component Information                |                       |                      |                         |
| Chemical name                        | Oral LD50             | Dermal LD50          | Inhalation LC50         |
| Glycerin                             | = 12600 mg/kg ( Rat ) | > 10 g/kg ( Rabbit ) | > 2.75 mg/L ( Rat ) 4 h |
| Guar hydroxypropyltrimonium chloride | = 12500 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** Toxic to aquatic life.  
**Persistence and Degradability** No information available.  
**Bioaccumulation**

**Component Information**

| Chemical name            | Partition coefficient |
|--------------------------|-----------------------|
| Sodium lauroyl lactylate | 0.2                   |
| Glycerin                 | -1.75                 |

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

**TDG** Not applicable

**MEX** Not applicable

**ICAO** Not applicable

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

**IMDG/IMO** Not applicable  
**Hazard Class** N/A

**RID** Not applicable

**ADR** Not applicable

**ADN** Not applicable

**15. REGULATORY INFORMATION**

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

**International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** 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.

**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<br>56-81-5 | X          | X             | X            | X            |          |

**16. OTHER INFORMATION**

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

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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**