

Issue Date 2001 10 01

Revision Date 2018 08 31

Version 11.11

1. IDENTIFICATION

Product identifier

Product Name McLube 1829

Other means of identification

Product Code 1829

Recommended use of the chemical and restrictions on use

Recommended Use Mold Release.

Uses advised against

Details of the supplier of the safety data sheet

Manufacturer Address McGee Industries, Inc.
9 Crozerville Rd
P.O. Box 2425
Aston, PA 19014

E-mail address info@mclube.com

Emergency telephone number

Company Phone Number 1-800-262-5823 (Within US)
1-610-459-1890

Emergency Telephone CHEMTREC:
1-800-424-9300 (Within US)
1-703-527-3887 (Outside US)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This material is not considered hazardous. This information is supplied under the OSHA Hazard Communication Standard (29 CFR 1910.1200), and is offered in good faith based on data available to us that we believe to be true and accurate.

Label elements

Emergency Overview

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

Appearance White fluid dispersion

Physical state Liquid

Odor Odorless

Precautionary Statements - Prevention

P262: Do not get in eyes, on skin, or on clothing

P264: Wash skin thoroughly after handling

P280: Wear protective gloves and eye / face protection

Precautionary Statements - Response

P302 + P352: IF ON SKIN: Wash with plenty of soap and water

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing

P337 + P313: If eye irritation persists: Get medical advice/attention

P301 + P330: IF SWALLOWED: Rinse mouth

P391: Collect spillage

Precautionary Statements - Disposal

P501: Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None

Other Information

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

Not applicable

Mixture**Synonyms**

Mixture.

Chemical nature

Polymer dispersion

Component Information:

| Chemical Name | CAS No. | Weight-% | Classification GHS Hazard Codes (OSHA HCS) |
|---------------|-------------|-----------|--|
| Water | 7732-18-5 | 90.0-95.0 | - |
| Trade Secret | Proprietary | 1.0-5.0 | Aquatic Chronic 2 (H411) |
| Trade Secret | Proprietary | 0.1-1.0 | Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) |
| Trade Secret | Proprietary | 0.1-0.5 | Flam. Liq. 4 (H227) |

The exact percentage (concentration) of composition has been withheld as a trade secret.

Amounts listed are typical and do not represent a specification. Remaining components are proprietary, nonhazardous, and/or present at amounts below reportable limits.

For the full text of the Classifications and Hazard Statements mentioned in this Section, see Section 16

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

Use first aid treatment according to the nature of the injury. Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt, seek medical advice.

Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

| | |
|---|---|
| | continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. |
| Skin contact | Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists. |
| Inhalation | Move victim to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician. |
| Ingestion | Never give anything by mouth to an unconscious person. Rinse mouth. If symptoms persist, call a physician. |
| Self-protection of the first aider | First aider: Pay attention to self-protection. Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. |

Most important symptoms and effects, both acute and delayed

Symptoms See Section 11: TOXICOLOGICAL INFORMATION.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

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

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products Carbon oxides.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Extremely slippery when spilled.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Dike to collect large liquid spills.

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

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

Incompatible materials Strong oxidizing agents. Strong acids. Strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines 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 Ensure adequate ventilation, especially in confined areas.
Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). ANSI/ISEA Z87.1.

Skin and body protection Wear protective nitrile rubber gloves. Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

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 Liquid
Appearance White fluid dispersion
Color white
Odor Odorless
Odor threshold No data available

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------|-------------------|-------------------------|
| pH | No data available | |
| Melting point / Freezing point | No data available | |
| Boiling point / boiling range | 100 °C / 212 °F | |
| Flash point | No data available | |
| Evaporation rate | 1 | (water = 1) |
| Flammability (solid, gas) | Not applicable | |
| Flammability Limit in Air | | |
| Upper flammability limit: | No data available | |
| Lower flammability limit: | No data available | |
| Vapor pressure | 3.2 | @ 20 °C (kPa) |
| Vapor density | No data available | |
| Relative density | 1.01 | g/ml @ 20°C |

| | |
|------------------------------|-------------------|
| Water solubility | dispersible |
| Solubility in other solvents | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Decomposition temperature | No data available |
| Kinematic viscosity | No data available |
| Dynamic viscosity | No data available |
| Explosive properties | Not applicable |
| Oxidizing properties | No data available |

Other Information

| | |
|------------------|--|
| Softening point | No data available |
| Molecular weight | No data available |
| VOC Content (%) | 0 Wt % (0 g/L) |
| Density | 8.34 lbs./gal. (1010 kg/m ³) |
| Bulk density | No data available |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| <u>Reactivity</u> | Stable |
| <u>Chemical stability</u> | Stable |
| <u>Stability</u> | Stable |
| <u>Possibility of Hazardous Reactions</u> | None under normal processing |
| <u>Hazardous polymerization</u> | Hazardous polymerization does not occur. |
| <u>Conditions to avoid</u> | Keep away from heat. |
| <u>Incompatible materials</u> | Strong oxidizing agents. Strong acids. Strong bases. |
| <u>Hazardous Decomposition Products</u> | Carbon oxides. |

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

| | |
|---------------------|--|
| Inhalation | May cause irritation. |
| Eye contact | May cause slight irritation. |
| Skin contact | Prolonged or repeated contact may dry skin and cause irritation. |
| Ingestion | May be harmful if swallowed. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------|----------------------|-------------------------|-----------------|
| Water 7732-18-5 | > 90 mL/kg (Rat) | - | - |
| Trade Secret | 13792 mg/kg (Rat) | - | - |
| Trade Secret | > 4000 mg/kg (Rat) | > 3000 mg/kg (Rabbit) | - |

Information on toxicological effects

Symptoms Skin: Irritation, redness, itchiness
Eyes: Irritation, redness, watering, itchiness.

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

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.
Other adverse effects No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

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

Oral LD50 > 5000 mg/kg
Dermal LD50 > 5000 mg/kg
Gas LC50 > 20000 ppm
Mist LC50 > 5 mg/l
Vapor LC50 > 20 mg/l

12. ECOLOGICAL INFORMATION

Marine pollutant No.

Ecotoxicity Not classified

Component Information:

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---------------|----------------------|---|---|
| Trade Secret | - | 19: 96 h LC50 mg/L Pimephales promelas | 8.3: 48 h EC50 mg/L Daphnia magna |
| Trade Secret | - | 1.4 - 1.8: 96 h LC50 mg/L Pimephales promelas | > 1.0 - 8.4: 48 h EC50 mg/L Daphnia magna |

Persistence and degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

Component Information:

| Chemical Name | Partition coefficient |
|---------------|-----------------------|
| Trade Secret | 4.9 Estimated |

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container. Disposal should be in accordance with applicable regional, national

and local laws and regulations.

14. TRANSPORT INFORMATION

| | |
|-------------------|---------------|
| <u>DOT</u> | Not Regulated |
| <u>ICAO (air)</u> | Not Regulated |
| <u>IATA</u> | Not Regulated |
| <u>IMDG</u> | Not Regulated |

15. REGULATORY INFORMATION

International Inventories

| | |
|---------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

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

IECSC - China Inventory of Existing 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

| | |
|-----------------------------------|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

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).

US State Regulations

California Proposition 65

This product contains a chemical that is at or below California Propositions 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label.

U.S. State Right-to-Know Regulations

This product contains substances regulated by state right-to-know regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--------------------|------------|---------------|--------------|
| Water 7732-18-5 | - | - | X |
| Trade Secret | X | - | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| | | | | |
|--------------------|-------------------------|-----------------------|---------------------------|---|
| <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 |

Key to Classifications and Hazard Statements contained in Sections 2 and 3

Aquatic Chronic 2 (H411): Toxic to aquatic life with long lasting effects; Chronic Env Tox, Cat 2

Skin Irrit. 2 (H315): Causes skin irritation; Skin Corr/Irritation, Cat 2

Eye Irrit. 2 (H319): Causes serious eye irritation; Eye Dam Irrit., Cat 2

Flam. Liq. 4 (H227): Combustible liquid; Flammable Liquid, Cat 4

Issue Date 2001 10 01

Revision Date 2018 08 31

Revision Note

2001 10 01: Initial release.

2005 03 01: Modified to update expiring issue date.

2006 07 19: Modified to conform to 16 part format of ANSI Standard Z400.1-2004.

2007 03 22: Modified to Hazards Identification information.

2010 03 10: Modified to update expiring issue date.

2013 03 15: Modified to update expiring issue date.

2010 08 01: Modified to include VOC information, Section 9, Physical and Chemical Properties.

2014 10 09: Modified to update Section 10.

2015 05 20: Modified to conform to 29 CFR 1910 (OSHA HCS).

2016 08 22: Modified to incorporate formatting changes to remain compliant.

2018 08 31: Modified to update Section 15. Update to product brand name and company logo.

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 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