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P61357



SAFETY DATA SHEET

Issue Date 2006 08 24

Revision Date 2015 06 11

Version 6.11

1. IDENTIFICATION

Product identifier

Product Name MAC 799

Other means of identification

Product Code 799

Synonyms Mixture

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 Heating above 500°F (260°C) may cause formation of potentially toxic substances. Hazardous gases can be produced requiring respirator.

Appearance White fluid dispersion

Physical state Liquid

Odor Slight sweet

Hazards not otherwise classified (HNOC)

None

Other Information

Do not smoke. Do not contaminate tobacco products. The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.

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

Not applicable

Mixture**Synonyms**

Mixture.

Chemical nature

Fluoropolymer dispersion

Component Information:

Chemical Name	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	7732-18-5	90.0-95.0	
Trade Secret	Proprietary	0.1-0.5	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)
Trade Secret	Proprietary	0.1-0.5	Acute Tox. 4 (H302)
Trade Secret	Proprietary	0.1-0.5	Acute Tox. 4 (H302) Eye Irrit. 2A (H319) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)
Trade Secret	Proprietary	0.1-0.5	Flam. Liq., 4 (H227) Skin Corr., 1B (H314) Eye Dam., (H318)
Trade Secret	Proprietary	0.1-0.2	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)

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.

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. Fluorinated compounds.

Explosion data

Sensitivity to Mechanical Impact
Sensitivity to Static Discharge

None.
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. Do not eat, drink or smoke when using this product.

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).

Skin and body protection

Wear protective gloves and 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. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid
Appearance	White fluid dispersion
Color	white
Odor	Slight sweet
Odor threshold	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8 - 9	
Melting point/freezing point		
Boiling point / boiling range	100 °C / 212 °F	
Flash point		
Evaporation rate	1	(Water = 1)
Flammability (solid, gas)		
Flammability Limit in Air		
Upper flammability limit:		
Lower flammability limit:		
Vapor pressure	3.2	@ 25 °C (kPa)
Vapor density		
Specific Gravity	1.01	g/ml @ 20°C

Water solubility dispersible
 Solubility in other solvents
 Partition coefficient
 Autoignition temperature
 Decomposition temperature
 Kinematic viscosity
 Dynamic viscosity
 Explosive properties
 Oxidizing properties

Other Information

Softening point
 Molecular weight
 VOC Content (%) 0 Wt %
 Density 8.40 lbs./gal.
 Bulk density

10. STABILITY AND REACTIVITY

Reactivity Stable

Chemical stability

Stability Stable

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid Keep away from heat.

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

Hazardous Decomposition Products Carbon oxides. Fluorinated compounds.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Product does not present an acute toxicity hazard based on known or supplied information

Inhalation Inhalation of vapors in high concentration may cause irritation of respiratory system.

Eye contact May cause slight irritation.

Skin contact Prolonged or repeated contact may dry skin and cause irritation.

Ingestion May be harmful if swallowed. Not an expected route of exposure.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Trade Secret	1800 mg/kg (Rat)	8000 mg/kg (Rabbit)	-
Trade Secret	4469 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Trade Secret	= 2900 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms No information available.

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 This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity Prolonged or repeated contact may dry skin and cause irritation.
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

ATEmix (oral) > 5000 mg/kg
 ATEmix (dermal) > 5000 mg/kg
 ATEmix (inhalation-gas) > 20000 ppm
 ATEmix (inhalation-dust/mist) > 5 mg/l
 ATEmix (inhalation-vapor) > 20 mg/l

12. ECOLOGICAL INFORMATION

Marine pollutant No.

Ecotoxicity The environmental impact of this product has not been fully investigated

Component Information:

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Trade Secret	13: 72 h EC50 mg/L <i>Desmodesmus subspicatus</i>	125: 96 h LC50 mg/L <i>Danio rerio</i>	840: 48 h EC50 mg/L <i>Daphnia magna</i>
Trade Secret	-	8.9: 96 h LC50 mg/L <i>Pimephales promelas</i>	26: 48 h EC50 mg/L <i>Daphnia magna</i>
Trade Secret	2 - 10: 72 h EC50 mg/L <i>Pseudokirchneriella subcapitata</i> 0.5: 48 h EC50 mg/L <i>Pseudokirchneriella subcapitata</i>	7.5: 96 h LC50 mg/L <i>Lepomis macrochirus</i> 0.96 - 1.3: 96 h LC50 mg/L <i>Pimephales promelas</i>	2.24: 48 h LC50 mg/L <i>Americamysis bahia</i>
Trade Secret	520: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	190: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static	193: 48 h <i>Daphnia magna</i> mg/L EC50

Persistence and degradability No information available.

Bioaccumulation**Component Information:**

Chemical Name	Partition coefficient
Trade Secret	BCF = 171

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONSWaste 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	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

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 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
Trade Secret	X	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

Acute Tox. 4 (H302): Harmful if swallowed; Acute toxicity, oral, Cat 4
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
Aquatic Acute, 2 (H401): Toxic to aquatic life; Acute Env Tox, Cat 2
Aquatic Chronic 2 (H411): Toxic to aquatic life with long lasting effects; Chronic Env Tox, Cat 2
Flam. Liq. 4 (H227): Combustible liquid; Flammable Liquid, Cat 4
Skin Corr. 1C (H314): Causes severe skin burns and eye damage; Skin corrosion, Cat 1C
Eye Dam. 1 (H318): Causes serious eye damage; Serious eye damage, Cat 1
Aquatic Chronic 3 (H412): Harmful to aquatic life with long lasting effects; Chronic aquatic toxicity, Cat 3

Issue Date 2006 08 24

Revision Date 2015 06 11

Revision Note

2006 08 24: Initial release.

2007 03 26: Modified to conform to 16 part format of ANSI Standard Z400.1-2004.

2010 04 21: Modified to update expiring issue date.

2013 03 15: Modified to update expiring issue date.

2015 06 11: Modified to conform to 29 CFR 1910 (OSHA HCS).

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. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

End of Safety Data Sheet

