

SCHIBLEY CHEMICAL COMPANY, INC.

1570 Lowell Street - P.O. Box 1750 - Elyria, Ohio 44036-1750
Phone: (440) 322-1350 - Fax: (440) 322-1430

MATERIAL SAFETY DATA SHEET

PRIOLEIC 33

Date(s) : 2006-05-09 18:20:27
Version 3
MSDS#: 807364

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	PRIOLEIC 33
Product Use	Commercial product
Address/Telephone number	Schibley Chemical Company Inc. 1570 Lowell Street Elyria, Ohio 44035 Phone: (440) 322-1350 Fax: (440) 322-1430

FOR EMERGENCIES INVOLVING A SPILL,
LEAK, FIRE, EXPOSURE OR ACCIDENT
CONTACT: CHEMTREC (800-424-9300)
WITHIN THE U.S.A

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	% (w/w)	OSHA PEL	ACGIH TLV
Saturated and unsaturated straight chain aliphatic monocarboxylic acids, mainly oleic acid	112-80-1	---	No PEL established	No TLV established

Ingredients not precisely identified are proprietary or nonhazardous.
Values are not product specifications.

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3. HAZARDS IDENTIFICATION

Emergency Overview

Color	pale yellow yellow
Form	Liquid @ 20 °C
Odor	Faint odor

**INHALATION OR INGESTION MAY CAUSE MUCOUS MEMBRANE IRRITATION.
MAY CAUSE EYE IRRITATION**

Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests.

Routes of Exposure Eye contact Skin contact Inhalation

Eye contact	May cause eye irritation in man.
Skin contact	No irritation is likely to develop following contact with human skin. No sensitization reactions This product will probably not be absorbed through human skin.
Inhalation	Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature. Thermal decomposition will evolve irritant vapors. No toxic effects are known to be associated with inhalation of this material.
Ingestion	Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract. No toxic effects are expected following ingestion of this product.
Other	Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

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4. FIRST AID MEASURES

Eye contact	Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.
Skin contact	Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention.
Inhalation	Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.
Ingestion	DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flash Point (°F)	356 (open cup)
Flash Point (°C)	180 (open cup)
Autoignition Temperature (°F)	662
Autoignition Temperature (°C)	350
Flammable Limits	No data.
Extinguishing Media	Water fog, alcohol foam, carbon dioxide, dry chemical.
Special fire-fighting protective equipment	A self contained breathing apparatus and suitable protective clothing must be worn in fire conditions.
Fire and explosion hazards	None known.
Combustion products	Thermal decomposition will evolve irritant vapors.
Explosion data	
Sensitivity to mechanical impact	No data.

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Sensitivity to static discharge

No data.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Refer to section 8 for proper personal protective equipment.

Steps to be taken in case material is released or spilled

Contain spill.
Soak up material with absorbent and shovel into a chemical waste container.
Wash residue from spill area with water containing detergent and flush to a sewer serviced by a permitted wastewater treatment facility.

7. HANDLING AND STORAGE

Handling

Normal precautions should be observed as for handling all chemicals

Prevent eye contact.

Specific uses of the product

Smouldering can occur upon leakage onto fibrous insulation material.

Storage

Store in original containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits
OSHA PEL

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Component Name	Exposure limits	Notes
No OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.		

ACGIH TLV

Component Name	Exposure limits	Notes
No ACGIH TLV assigned. Minimize exposure in accordance with good hygiene practice.		

Engineering controls	Provide adequate ventilation.
Eye protection	Chemical tight goggles.
Protective clothing	Impervious gloves.
Respiratory protection	Respiratory protection is not normally needed if controls are adequate.
Other	Eyewash and safety shower easily accessible to the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color	pale yellow
Form	yellow
Odor	Liquid @ 20 °C
pH	Faint odor
Boiling Point (°F)	Not applicable.
Boiling Point (°C)	428
Flash Point (°F)	220 (10 hPa)
Flash Point (°C)	356 (open cup)
Autoignition Temperature (°F)	180 (open cup)
Autoignition Temperature (°C)	662
Flammable Limits	350
Explosive Properties	No data.
Oxidizing Properties	Not to be expected
Solubility (water)	Not to be expected
Solubility (other)	Insoluble
Partition Coefficient	Soluble in many organic solvents
Dynamic viscosity (mPa.s)	3 Estimated
	25 @ 25°

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Density (g/ml)	0.9 @ 20 °C
Cloud Point (°F)	<68
Cloud Point (°C)	<20

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	Strong oxidizing agents.
Conditions to avoid	None known.
Hazardous decomposition products	Thermal decomposition will evolve irritant vapors.
Hazardous polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Eye contact	Rabbit	Draize	Nonirritating.
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Skin contact	Rabbit		Nonirritating.
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Ingestion	LD50 rat > 2000 mg/kg	Relatively harmless.
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Chronic Reproductive toxicity/ teratogenicity		A multigeneration study in rats has shown that repeated high doses produce no adverse reproductive effects.
Mutagenicity		There is no evidence of mutagenic potential. Ames test: Negative

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Toxicologically synergistic products None known.

12. ECOLOGICAL INFORMATION

Environmental Fate & Distribution	The substance is essentially insoluble in water. (OECD 301B) (28 days)93 % LC50 (96 hour) (static) rainbow trout > 56 mg/l LC50 (48 hour) (static) Cyprinus carpio 80 mg/l
Persistence & Degradation	
Toxicity	

13. DISPOSAL CONSIDERATIONS

RCRA (Resource Conservation and Recovery Act) Classification:

Specifically Listed Wastes	Not applicable.	
Characteristic Wastes	Ignitability	Not applicable.
	Corrosivity	Not applicable.
	Reactivity	Not applicable.
	Toxicity	Not applicable.

Disposal method	Disposal should be in accordance with local, state or national legislation. Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.
Container disposal	

14. TRANSPORT INFORMATION

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Department of Transportation:

Not regulated.

TDG (Transportation of Dangerous Goods):

Not regulated.

Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.

15. REGULATORY INFORMATION

Inventory Status

EU (EINECS/ELINCS/NLP)	Compliant.
USA (TSCA)	Compliant.
Canada (DSL)	Compliant.
Australia (AICS)	Compliant.
Japan (ENCS)	Compliant.
China (IECSC)	Compliant.
Korea (ECL)	Compliant.
Philippines (PICCS)	Compliant.

**OSHA Hazard Communication Standard,
29 CFR 1910.1200, Hazard Summary:**

Health Hazards	Irritant (eye)
Physical Hazards	None

WHMIS Classification

Noncontrolled (Nonhazardous).

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CERCLA and SARA Regulations (40 CFR 355, 370, and 372):

This material contains the following chemicals subject to the reporting requirements of SARA 313:

No 313-listed chemicals in this product

SARA 311/312 Hazard Categories:

Immediate	Y
Delayed	N
Fire	N
Pressure	N
Reactivity	N

State Regulations:

Pennsylvania State Chemicals Regulated as Hazardous Oleic acid

16. OTHER INFORMATION

We assigned NFPA ratings and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.

HMIS Information

Health	1
Flammability	1
Physical Hazards	0

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The HMIS ratings displayed above are from the HMIS III Third Edition. There have been significant changes made to the system. "Physical hazard" stands for physical hazard as defined in the OSHA Hazard Communication Standard and replaces the former code for reactivity.

NFPA Information

Health	1
Flammability	1
Instability	0

This information is intended solely for the use of individuals trained in the particular hazard rating system.

The following sections contain revisions or new statements:
11,12