

Diamond Lubricant

This industrial Material Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Version . Revision Date 00-00-0000 Print Date 05-29-2017

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name Diamond Lubricant
MSDS Number
CAS-No. : Not applicable - product is a mixture
General Use : A formulated liquid additive for lubrication.
Dr. Freds Innovative Solutions
232 So Huntington Ave
Company : Melbourne, FL 32901

Telephone :
1-321-514-6845
Emergency telephone : For emergency involving spill, leak, fire, exposure or accident,
call CHEMTREC (800)424-9300, day or night.
Medical Emergency (24HR): For MEDICAL EMERGENCIES involving this product call:
321-514-6845

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Form : Liquid
Appearance : Almost colorless

Potential Health Effects

Eye contact : Causes eye irritation on direct contact.
Skin contact : May cause skin irritation upon prolonged contact.
Inhalation : Overexposure may cause respiratory tract irritation.
Ingestion : Harmful if swallowed.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

OSHA-REGULATED COMPONENTS (present at a concentration of > or = 1%)

Chemical Name	CAS-No.	Concentration *
SODIUM 2-(2-DODECYLOXYETHOXY)ETHYL SULPHATE	3088-31-1	10.00 - 30.00
SODIUM DODECYL BENZENE SULFONATE (LINEAR)	25155-30-0	10.00 - 30.00

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(CARBOXYMETHYL)DIMETHYL-3-[(1-OXODODECYL)AMINO]PYRROLAMMONIUM HYDROXIDE	4292-10-8	5.00 - 10.00
ETHANOL (ETHYL ALCOHOL)	64-17-5	1.00 - 5.00
SODIUM XYLENE SULFONATE	1300-72-7	1.00 - 5.00
L(+)-LACTIC ACID	79-33-4	1.00 - 5.00

* All concentrations are present by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Carcinogenicity:

Listed Carcinogens: The following components, present at a concentration of > or = 0.1%, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), OSHA or ACGIH:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 4. FIRST AID MEASURES

First aid procedures

- Eye contact** : Immediately flush eyes for at least 15 minutes. Get medical attention.
- Skin contact** : Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
- Inhalation** : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- Ingestion** : Drink 8 ounces of clear water. Get medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

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Flash point : ≥ 200.00 °F (≥ 93.33 °C)

Fire fighting

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Protective equipment and precautions for firefighters

Special protective equipment for fire-fighters : Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protection recommended in Section 8 of the MSDS.

Methods for containment / Methods for cleaning up : Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

SECTION 7. HANDLING AND STORAGE

Storage

Requirements for storage areas and containers : Store at controlled room temperature at 20-25°C (68-77°F).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components with workplace control parameters

Chemical Name	CAS-No.	Value	Exposure Limits	Source	Notes
ETHANOL (ETHYL ALCOHOL)	64-17-5	TWA	1,000 ppm	ACGIH	
		PEL	1,000 ppm 1,900 mg/m3	OSHA_TRANS	

Engineering Controls : In an industrial work environment, no special precautions or control measures are required.

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Personal protective equipment

Protective measures : In an industrial work environment, if a splash is likely, chemical goggles may be needed. Prolonged skin contact may require protective goggles. For consumer use, no unusual precautions are necessary.

General Hygiene Considerations : In an industrial work environment, avoid eye and prolonged skin contact.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid
Appearance : Almost colorless

Flash point : ≥ 200.00 °F (≥ 93.33 °C)

pH : 3.5

Density : 1.055 g/cm³

Viscosity, dynamic : 500 mPa.s

SECTION 10. STABILITY AND REACTIVITY

Materials to avoid : Remarks: Strong oxidizing agents

Hazardous decomposition products : Note: None known.

Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

This product has not been tested as a whole.

SECTION 12. ECOLOGICAL INFORMATION

The product has not been tested as a whole for environmental toxicity.

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SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environment agency for specific rules). Do not dump in sewers, any body of water or on the ground.

SECTION 14. TRANSPORT INFORMATION

DOT : Not regulated.

TDG : Not regulated.

IATA : Not regulated.

IMDG : Not regulated.

SECTION 15. REGULATORY INFORMATION

US Regulations

SARA

Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A) : Not listed
Not listed

Section 313 Toxic Release Inventory (40 CFR 372) : Not listed

Not listed

CERCLA Hazardous Substance List : 8559 lbs

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(40 CFR 302.4) - Reportable Quantity

SODIUM DODECYL BENZENE SULFONATE
(LINEAR)

2467917 lbs

METHANOL

Clean Air Act

**Clean Air Act 111 Standards of
Performance for New Stationary
Sources**

: ETHANOL (ETHYL ALCOHOL)

METHANOL

Clean Water Act

**Clean Water Act Section 307(a)(1)
Toxic Pollutants**

: Not listed

**Clean Water Act Section 311
Hazardous Substances (40 CFR 117.3)**

: SODIUM DODECYL BENZENE SULFONATE
(LINEAR)

State Regulations

**Massachusetts Right-To-
Know List** : SODIUM DODECYL BENZENE SULFONATE (LINEAR)

ETHANOL (ETHYL ALCOHOL)

**New Jersey Right-To-
Know List**

: WATER

SODIUM 2-(2-DODECYLOXYETHOXY)ETHYL SULPHATE

SODIUM DODECYL BENZENE SULFONATE (LINEAR)

(CARBOXYMETHYL)DIMETHYL-3-[(1-
OXODODECYL)AMINO]PROPYLAMMONIUM HYDROXIDE

ETHANOL (ETHYL ALCOHOL)

**Pennsylvania Right-To-
Know List**

: WATER

SODIUM 2-(2-DODECYLOXYETHOXY)ETHYL SULPHATE

SODIUM DODECYL BENZENE SULFONATE (LINEAR)

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(CARBOXYMETHYL)DIMETHYL-3-[(1-
OXODODECYL)AMINO]PROPYLAMMONIUM HYDROXIDE
ETHANOL (ETHYL ALCOHOL)

Canada

Canadian Workplace Hazardous Materials Information System (WHMIS) Listed Material : SODIUM DODECYL BENZENE SULFONATE (LINEAR)
ETHANOL (ETHYL ALCOHOL)
L(+)-LACTIC ACID

Canadian Controlled Products Regulations: This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the MSDS contains all required information.

Other Information

SECTION 16. OTHER INFORMATION

Further information

MSDS Number :

Disclaimer: The information on this sheet is limited to the material identified and is believed by the Dr Freds Innovative Solutions to be correct based on its knowledge and information as of the date noted. Dr Freds Innovative Solutions makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material.
