

SAFETY DATA SHEET

Date Prepared : 02/25/2015

SDS No : 1120290

Nordson High Temp Lube

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Nordson High Temp Lube**GENERAL USE:** Lubricant**PRODUCT CODE:** 1120290**MANUFACTURER**

enviro-blend, Inc.

P..O. Box 329

Springfield,, TN 37172

Customer Service: 615-382-8215**E-Mail:** enviroblend@birch.net**24 HR. EMERGENCY TELEPHONE NUMBERS**

CHEMTREC - United States: (800) 424-9300

Outside of the United States +1 703 527-3887

2. HAZARDS IDENTIFICATION

GHS LABEL

Non Hazardous

EMERGENCY OVERVIEW**IMMEDIATE CONCERNS:** No data available.**POTENTIAL HEALTH EFFECTS****EYES:** Contact may cause eye irritation.**SKIN:** None Expected.**SKIN ABSORPTION:** None Expected.**INGESTION:** No data available.**INHALATION:** No data available.**REPRODUCTIVE TOXICITY****REPRODUCTIVE EFFECTS:** No data available.**TERATOGENIC EFFECTS:** No data available.**CARCINOGENICITY:** Not a carcinogen.**MUTAGENICITY:** None**CANCER STATEMENT:** Not a carcinogen.**SENSITIZATION:** Not a sensitizer.**WARNING CAUTION LABELS:** None**HEALTH HAZARDS:** No data available.**PHYSICAL HAZARDS:** No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|----------------------|------|------------|
| Polydimethylsiloxane | 100 | 63148-62-9 |

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

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INGESTION: Give several small portions of water to drink. Do not induce vomiting.

INHALATION: Move person to fresh air. If not breathing, give artificial respiration and consult a physician.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May cause slight eye irritation.

SKIN: No acute toxic effects are expected.

SKIN ABSORPTION: None Expected.

INGESTION: Not expected in industrial use.

INHALATION: Not expected due to low vapor pressure.

CHRONIC EFFECTS: None known.

ADDITIONAL INFORMATION: Show this Safety Data Sheet to the medical professional in attendance..

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: NA = Not Applicable

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: Hazardous decomposition products include carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide and incompletely burned hydrocarbons.

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed containers.

FIRE FIGHTING EQUIPMENT: Wear approved self-contained breathing apparatus.

FIRE EXPLOSION: None

SENSITIVE TO STATIC DISCHARGE: None known.

SENSITIVITY TO IMPACT: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dike to contain spill. Sweep up with inert material and place in suitable container for disposal.

LARGE SPILL: Stop leak. Dike to contain spill, cover with inert absorbent material, sweep up and place in suitable container(s) for disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep spills and cleaning run-off out of municipal sewers and open bodies of water.

GENERAL PROCEDURES: Spilled product is extremely slippery. Do not walk through spilled material.

RELEASE NOTES: Keep out of open bodies of water.

SPECIAL PROTECTIVE EQUIPMENT: See section 8.2

7. HANDLING AND STORAGE

GENERAL PROCEDURES: No special protective measures are required.

HANDLING: Spilled product increases risk of slipping. Liquid silicone based materials have lubricating properties that can substantially reduce or eliminate traction and may pose a slip hazard.

STORAGE: Keep container tightly closed in a dry and well-ventilated area.

STORAGE TEMPERATURE: 5.0°C Minimum to 50.0°C Maximum

SHELF LIFE: 48 months from date of purchase.

SPECIAL SENSITIVITY: No data available.

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ELECTROSTATIC ACCUMULATION HAZARD: No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust is recommended when handling generated mists. Direct exhaust is recommended when material becomes heated and fumes are given off.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses or splash goggles.

SKIN: Wear impervious gloves.

RESPIRATORY: None required for normal operation. Use an approved respirator when exposure to vapors of mists is anticipated.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

OTHER USE PRECAUTIONS: There should be an eye wash close by.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild, not unpleasant.

APPEARANCE: Clear

COLOR: Colorless

pH: 7.0 approximate

FLASH POINT AND METHOD: > 260°C (500°F) ISO 2719

AUTOIGNITION TEMPERATURE: NA = Not Applicable

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

BOILING POINT: Not yet Determined

FREEZING POINT: -35°C to -50°C

THERMAL DECOMPOSITION: > 250°C

SOLUBILITY IN WATER: Virtually insoluble

SPECIFIC GRAVITY: 0.97

VISCOSITY #1: 324 to 356 mPa.s at 25°C Dynamic (DIN 53019)

VISCOSITY #2: ~ 350 mm²/s at 25°C Kinematic (DIN 53019)

WEIGHT PER VOLUME: 8.15 lb/gal.

10. STABILITY AND REACTIVITY

REACTIVITY: None Expected.

HAZARDOUS POLYMERIZATION: None

STABILITY: Stable under normal use conditions,

CONDITIONS TO AVOID: None known.

POSSIBILITY OF HAZARDOUS REACTIONS: If stored and handled properly: none known.

HAZARDOUS DECOMPOSITION PRODUCTS: If stored and handled properly: none known. Measurements have shown the formation of small amounts of formaldehyde at temperatures above 150° C through oxidation.

INCOMPATIBLE MATERIALS: None known.

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11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Not a primary irritant.

DERMAL LD₅₀: > 2008 mg/kg (rat)

Notes: Not a primary irritant.

SKIN ABSORPTION: Absorption not likely to occur.

ORAL LD₅₀: > 5000 mg/kg (rat)

Notes: Based on the available data acute toxic effects are not expected after a single oral exposure.

INHALATION LC₅₀: No data available.

EYE EFFECTS: Based on the available data a clinically relevant eye irritation hazard is not expected.

SKIN EFFECTS: Based on available data a clinically relevant skin irritation hazard is not expected.

CHRONIC: None Expected.

SUBCHRONIC: None Expected.

CARCINOGENICITY

IARC: Not a carcinogen.

NTP: Not a carcinogen.

OSHA: Not a carcinogen.

Notes: No data available.

IRRITATION: Not a primary irritant.

CORROSIVITY: None Expected.

SENSITIZATION: Not a sensitizer (guinea pig)

NEUROTOXICITY: No data available.

GENETIC EFFECTS: None known.

REPRODUCTIVE EFFECTS: No data available.

TARGET ORGANS: No data available.

MUTAGENICITY: Negative.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: None known.

BIOACCUMULATION/ACCUMULATION: None Expected.

DISTRIBUTION: Polymer component: Insoluble in water. Forms thin oil film on surface of water. Absorbed by floating particles. Separation by sedimentation.

AQUATIC TOXICITY (ACUTE)

48-HOUR EC₅₀: > 0.0001 mg/L (daphnia magn) effect level . maximum achievable concentration.

Notes: No expected damaging effects to aquatic organisms. Current knowledge indicates no adverse effects on water purification plants.

CHEMICAL FATE INFORMATION: Silicone content: biologically is not degradable. Elimination by adsorption to activated sludge. Polydimethylsiloxanes are degradable to a certain extent in abiotic processes.

13. DISPOSAL CONSIDERATIONS

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FOR LARGE SPILLS: Stop Leak. Dike to contain spill, cover with inert absorbant material, sweep up and place in suitable container for proper disposal.

PRODUCT DISPOSAL: Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations.

EMPTY CONTAINER:

offer to licensed container recycler.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not regulated.

SPECIAL PROVISIONS: Not regulated for transport.

AIR (ICAO/IATA)

PRIMARY HAZARD CLASS/DIVISION: Not regulated for transport

SPECIAL PROVISIONS: Not regulated for transport.

VESSEL (IMO/IMDG)

MARINE POLLUTANT #1: NA = Not Applicable

SPECIAL PROVISIONS: Not regulated for transport.

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: No SARA Hazards.

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

313 REPORTABLE INGREDIENTS: This material does not contain any SARA 313 chemicals above the de minimus levels.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: NA = Not Applicable

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This material does not containe any CERCLA regulated chemicals.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This material does not contain any TSCA 12(b) regulated chemicals.

TSCA STATUS: In Compliance.

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: NA = Not Applicable

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: NA = Not Applicable

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause

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cancer, birth defects, or any other reproductive harm.

RCRA STATUS: NA = Not Applicable

OSHA HAZARD COMM. RULE: NA = Not Applicable

CLEAN WATER ACT: NA = Not Applicable

CARCINOGEN: Not a carcinogen.

CANADA

WHMIS CLASS: None

DOMESTIC SUBSTANCE LIST (INVENTORY): This product is listed on the DSL inventory of Canada.

16. OTHER INFORMATION

REASON FOR ISSUE: GHS Format

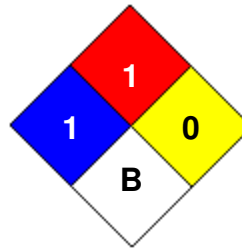
PREPARED BY: JBV **Date Prepared:** 02/25/2015

INFORMATION CONTACT: Brad Van Vleet

HMIS RATING

| | | |
|---------------------|--------------------------|---|
| HEALTH | <input type="checkbox"/> | 1 |
| FLAMMABILITY | | 1 |
| PHYSICAL HAZARD | | 0 |
| PERSONAL PROTECTION | | B |

NFPA CODES



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