

SAFETY DATA SHEET

Date Issued : 07/28/2015
SDS No : 1120290
Date Revised : 03/20/2018
Revision No : 3

Nordson High Temp Lube

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Nordson High Temp Lube

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

ChemTel (US, Canada Transportation) - 1-800-255-3924 (Contract # MIS1186925)

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS	Wt.%
Polydimethylsiloxane	63148-62-9	100

WHMIS CLASS: None

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.

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.

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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 and vapors.

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.

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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.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: > 2008 mg/kg (rat)

Notes: Not a primary irritant.

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.

SKIN CORROSION/IRRITATION: None Expected.

SERIOUS EYE DAMAGE/IRRITATION: Not a primary irritant.

RESPIRATORY OR SKIN SENSITISATION: Not a sensitizer (guinea pig)

GERM CELL MUTAGENICITY: Negative.

CARCINOGENICITY

IARC: Not a carcinogen.

NTP: Not a carcinogen.

OSHA: Not a carcinogen.

NOTES: No data available.

REPRODUCTIVE TOXICITY: No data available.

STOT-SINGLE EXPOSURE: No data available.

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

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:

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offer to licensed container recycler.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

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 311 / 312 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 contain 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 CFR 1910.119---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 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 or exempt from listing on the DSL inventory of Canada.

16. OTHER INFORMATION

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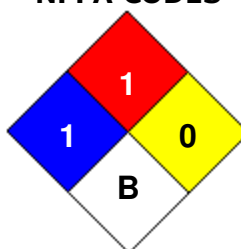
REASON FOR ISSUE: GHS Format

REVISION SUMMARY: This SDS replaces the 01/05/2016 SDS.

HMIS RATING

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA CODES



ADDITIONAL SDS INFORMATION: The standard abbreviations and acronyms used in this document can be looked up in reference literature (e.g. scientific dictionaries) and / or websites. Not all acronyms and abbreviations listed below have been incorporated in the Safety Data Sheet

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

AICS: Australian Inventory of Chemical Substances

ADN: European Agreement concerning the international carriage of dangerous goods by inland waterways (ADN)

ADNR: ADN Specific for the Rhine

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ASTM: American Society for Testing and Materials

BEL: Biological Exposure Limits

BTEX: Benzene, Toluene, Ethylbenzene, Xylenes

CAS: Chemical Abstracts Services

CEFIC: European Chemical Industry Council

CLP: Classification Packaging and Labelling.

COC: Cleveland Open-Cup

DIN: Deutsched Institute fur Normung

DMEL: Derived Minimal effect Level

DNEL: Derived No Effect Level

DSL: Canada Domestic Substance List

EC: European Commission

EC50): Effective Concentration Fifty

ECETOC: European Center on Ecotoxicology and Toxicology of Chemicals

ECHA: European Chemicals Agency

EINECS: The European Inventory of Existing Commercial Chemical Substances

EL50): Effective Loading Fifty

ENCS: Japanese Existing and New Chemical Substances Inventory

EWC: European Waste Code

GHS: Globally Harmonised system of Classification and Labelling of Chemicals

DMSO: Dimethyl Sulfoxide

EU: European Union

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association.

IC50: Inhibitory Concentration 50

IL50: Inhibitory Level Fifty

IMDG: International Maritime Dangerous Goods

INV: Chinese Chemicals Inventory

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IP346: Institute of Petroleum Test Method N0 346 for the determination of polycyclic aromatics
DMSO-extractables
KECI: Korea Existing Chemicals Inventory
LC50: Lethal Concentration Fifty
LD50: Lethal Dose Fifty
LL/EL/IL: Lethal Loading/Effective Loading/ Inhibitory Loading
LL50: Lethal Loading 50
MARPOL: International Convention for the Prevention of Pollution from Ships
NIOSH: National Institute of Occupational Safety and Health
NOEC/NOEL: No observed Effect Concentration / No observed Effect Level
NOHSC: National Occupational Health and Safety Commission
OE_HP: Occupational Exposure - High Production Volume
PBT: Persistent, Bioaccumulative and Toxic
PICCS: Philippine Inventory of Chemicals and Chemical Substances
PNEC: Predicted No Effect Concentration
REACH: Registration Evaluation and Authorization of Chemicals
RID: Regulations Relating to International Carriage of Dangerous Goods by Rail
SKIN_DES: Skin Designation
STEL: Short Term Exposure Limit
TRA: Targeted Risk Assessment
TREGS: Technical Rules for Hazardous Substances
TSCA: US Toxic Substances Control Act
TWA: Time-Weighted Average
vPvB: Very Persistent and Very Bioaccumulative
NTP: United Nations Toxicology Program.
OSHA: Occupational Safety and Health Act.
HMIS: Hazardous Materials Identification System.
NFPA: National Fire Protection Association.

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