

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued : 02/25/2015

SDS No : 1120290

Nordson High Temp Lube

SECTION 1 : Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Product code : 1120290
 Product name : Nordson High Temp Lube

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Lubricant

1.3. Details of the supplier of the safety data sheet

Manufacturer

enviro-blend, Inc.
 P..O. Box 329
 Springfield,, TN 37172

Service Number : 615-382-8215
 E-Mail : enviroblend@birch.net

1.4. Emergency telephone number

CHEMTREC - United States: (800) 424-9300

Outside of the United States +1 703 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC

: Non Hazardous

2.2. Label elements

Non Hazardous

2.3. Other hazards

Immediate concerns : No data available.

Health hazards : No data available.

Physical hazards : No data available.

SECTION 3: Composition / information on ingredients

3.1. Substances

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

3.2. Mixtures

Not Applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

General notes : Show this Safety Data Sheet to the medical professional in attendance..

Following eyes : Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

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Following skin	: Wash with soap and water. Get medical attention if irritation develops or persists.
Following ingestion	: Give several small portions of water to drink. Do not induce vomiting.
Following inhalation	: Move person to fresh air. If not breathing, give artificial respiration and consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

General notes	: Any relevant information can be found in other parts of this section.
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.

4.3. Indication of any immediate medical attention and special treatment needed**SECTION 5: Fire fighting measures****5.1. Extinguishing media**

Extinguishing media	: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
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5.2. Special hazards arising from the substance or mixture

General hazard	: NA = Not Applicable
Hazardous combustion products	: Hazardous decomposition products include carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide and incompletely burned hydrocarbons.
Explosion hazards	: None
Fire explosion	: None
Sensitive to static discharge	: None known.
Sensitivity to impact	: None

5.3. Advice for firefighters

Fire fighting procedures	: Use water spray to cool fire-exposed containers.
Fire fighting equipment	: Wear approved self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

General procedures	: Spilled product is extremely slippery. Do not walk through spilled material.
Special protective equipment	: See section 8.2
Release notes	: Keep out of open bodies of water.

6.2. Environmental precautions

Water spill	: Keep spills and cleaning run-off out of municipal sewers and open bodies of water.
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6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

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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.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature	: 5.0°C Minimum to 50.0°C Maximum
Electrostatic accumulation hazard	: No data available.
Shelf life	: 48 months from date of purchase.
Special sensitivity	: No data available.

7.3. Specific end use(s)

Specific end use(s)	: Lubricant
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SECTION 8: Exposure controls / personal protection**8.1. Control parameters****8.2. Exposure controls**

Engineering controls	: Local exhaust is recommended when handling generated mists and vapors.
Eye/face protection	: Wear safety glasses or splash goggles.
Skin protection	: Wear impervious gloves.
Respiratory protection	: 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 precautions	: There should be an eye wash close by.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Appearance	: Clear
Colour	: Colorless
Odour	: Mild, not unpleasant.
pH	: 7.0 approximate
Freezing temperature	: -35°C to -50°C
Boiling temperature	: Not yet Determined
Flash point	: > 260°C (500°F) ISO 2719
Flammability (solid, gas)	: NA = Not Applicable
Vapor pressure	: No data available.
Vapor density	: No data available.
Specific gravity	: 0.97
Solubility in water	: Virtually insoluble
Auto-ignition temperature	: NA = Not Applicable
Thermal decomposition	: > 250°C
Viscosity #1	: 324 to 356 mPa.s at 25°C Dynamic (DIN 53019)
Viscosity #2	: ~ 350 mm ² /s at 25°C Kinematic (DIN 53019)
Weight per volume	: 8.15 lb/gal.

9.2. Other information

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity : None Expected.

10.2. Chemical stability

Chemical stability : Stable under normal use conditions,

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions : If stored and handled properly: none known.

Hazardous polymerization : None

10.4. Conditions to avoid

Conditions to avoid : None known.

10.5. Incompatible materials

Incompatible materials : None known.

10.6. Hazardous decomposition products

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.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****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.

Irritation : Not a primary irritant.

Corrosivity : None Expected.

Sensitisation : Not a sensitizer (guinea pig)

Carcinogenicity : No data available.

Mutagenicity : Negative.

Reproductive effect : No data available.

Target organs : No data available.

SECTION 12: Ecological information**12.1. Toxicity****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.

12.2. Persistence and degradability

Persistence and degradability : Silicone content: biologically is not degradable. Elimination by adsorption to activated sludge. Polydimethylsiloxanes are degradable to a certain extent in abiotic processes.

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Bioaccumulative potential : None Expected.

12.4. Mobility in soil

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

12.5. Results of PBT and vPvB assessment**12.6. Other adverse effects**

Environmental data : None known.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

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.

SECTION 14: Transport information**14.1. UN number****14.2. UN proper shipping name**

UN proper shipping name : Not regulated.

14.3. Transport hazard class(es)

Primary hazard class/division : Not regulated for transport

14.4. Packing group**14.5. Environmental hazards**

Marine pollutant #1 : NA = Not Applicable

14.6. Special precautions for user

ADR - road : Not regulated for transport.

RID - rail : Not regulated for transport.

IMDG - sea : Not regulated for transport.

IATA - air : Not regulated for transport.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk : Bulk transport in tankers is not intended.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

RoHS : NA = Not Applicable

International regulations : This product is listed in, or complies with the substance inventory of the following substance inventories: ECL, ENCS, AICS, IECSC, DSLK, PICCS, TSCA, REACH.

15.2. Chemical safety assessment**SECTION 16: Other information**

Reason for issue : GHS Format

Prepared by : JBV

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