

SAFETY DATA SHEET

Date Prepared : 04/29/2016

SDS No : 900315

Date Revised : 07/01/2020

Revision No : 1

Nordson EP 1 Oil

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Nordson EP 1 Oil
GENERAL USE: Lubricant
PRODUCT CODE: 900315 / 900331 / 900332

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 CLASSIFICATIONS

Acute Toxicity (Oral), Category 4
Skin Irritation, Category 2
Eye Irritation, Category 2A

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.
H315: Causes skin irritation.
H302: Harmful if swallowed.

PRECAUTIONARY STATEMENTS

General:

P270: Do not eat, drink or smoke when using this product.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P337+P313: If eye irritation persists: Get medical advice/attention.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

HAZARDS NOT OTHERWISE CLASSIFIED: None

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear to pale yellow liquid.

IMMEDIATE CONCERNS: None Expected.

POTENTIAL HEALTH EFFECTS

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EYES: Contact causes severe eye irritation.

SKIN: Repeated or prolonged skin contact may cause skin irritation.

SKIN ABSORPTION: None Expected.

INGESTION: Low toxicity if swallowed.

INHALATION: No data available.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: None

TERATOGENIC EFFECTS: None

CARCINOGENICITY: Not a carcinogen.

MUTAGENICITY: None

MEDICAL CONDITIONS AGGRAVATED: None Expected.

TARGET ORGAN STATEMENT: None known.

CANCER STATEMENT: Not a carcinogen.

IRRITANCY: None Expected.

SENSITIZATION: None

WARNING CAUTION LABELS: None

COMMENTS HEALTH: Not Established

HEALTH HAZARDS: Not expected to be a health hazard when used under normal conditions. Prolonged or repeated skin contact without proper cleaning can result in skin irritation or dermatitis.

PHYSICAL HAZARDS: Not Established

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Poly[oxy(methyl-1,2-ethandiyl)], Alpha-butyl-omega-hydroxy-	> 97	9003-13-8
N-phenyl-1-naphthylene	< 1	90-30-2

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water for at least 15 minutes; ensure water flushing of entire surface of eye and lid. Obtain medical attention if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Rinse mouth with water, consult a physician. Never give anything by mouth to an unconscious person.

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Can cause moderate to severe irritation.

SKIN: Repeated or prolonged skin contact may cause skin irritation.

SKIN ABSORPTION: No data available.

INGESTION: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INHALATION: May cause dizziness.

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

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5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Not Established

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and aldehydes

EXPLOSION HAZARDS: NA = Not Applicable

FIRE FIGHTING PROCEDURES: Treat in accordance with procedures proper for the primary cause of fire.

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

FIRE EXPLOSION: NA = Not Applicable

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

COMMENTS: Clear fire area of all non-emergency personnel.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Do not flush with water. Soak up with inert absorbent material, sweep up and shovel into suitable containers 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: Wear suitable gloves and safety or splash goggles. Remove contaminated clothing and wash before reuse, wash any affected skin areas with soap and water.

SPECIAL PROTECTIVE EQUIPMENT: See section 8.2

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Provide proper exhaust ventilation system in areas where fumes may form. Take normal fire prevention measures.

HANDLING: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

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

SHELF LIFE: 7 years

SPECIAL SENSITIVITY: None known.

ELECTROSTATIC ACCUMULATION HAZARD: None Expected.

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 protective clothing, including long sleeves and impervious gloves, to prevent skin contact.

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

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PROTECTIVE CLOTHING: Impervious clothing. The type of protective clothing must be selected according to the concentration and amount of the product handled at the specific workplace.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Bland.

APPEARANCE: Clear colorless to pale yellow.

COLOR: Clear to slight yellow.

pH: No data available.

FLASH POINT AND METHOD: ~ 235°C (455°F) Cleveland Open Cup

FLAMMABLE LIMITS: No Data to No Data

AUTOIGNITION TEMPERATURE: No data available.

VAPOR PRESSURE: < 0.013 kPa at 20°C (68°F)

VAPOR DENSITY: ~ 10 air = 1.0

BOILING POINT: ~ 20°C (392°F)

FREEZING POINT: No data available.

POUR POINT: ~ -24°C

THERMAL DECOMPOSITION: No data available.

SOLUBILITY IN WATER: Virtually insoluble

DENSITY: 0.995 - 1.001

SPECIFIC GRAVITY: 0.995 to 1.001 at 20°C (68°F)

VISCOSITY #1: 150 cSt at 40°C (104°F)

WEIGHT PER VOLUME: 8.35 lb/gal.

10. STABILITY AND REACTIVITY

REACTIVITY: None known.

HAZARDOUS POLYMERIZATION: None

STABILITY: Stable under normal use conditions,

CONDITIONS TO AVOID: Excessive heat, sparks and open flames.

POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal use conditions, oxides of carbon when burned.

INCOMPATIBLE MATERIALS: Oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Poly[oxy(methyl-1,2-ethandiyl)], Alpha-butyl-omega-hydroxy-	300 to 2000 mg/kg - rat	> 2000 mg/kg rat

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DERMAL LD₅₀: ~ 1800 mg/kg rabbit

ORAL LD₅₀: ~ 48700 mg/kg (rat)

INHALATION LC₅₀: No data available.

SKIN CORROSION/IRRITATION: Skin Irritant.

SERIOUS EYE DAMAGE/IRRITATION: No data available.

RESPIRATORY OR SKIN SENSITISATION: No data available.

GERM CELL MUTAGENICITY: Negative.

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
Poly[oxy(methyl-1,2-ethandiyl)], Alpha-butyl-omega-hydroxy-	Not a carcinogen	Not a carcinogen	Not a carcinogen

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

REPRODUCTIVE TOXICITY: Not toxic for reproduction.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: None known.

BIOACCUMULATION/ACCUMULATION: No data available.

DISTRIBUTION: No data available.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: ~ 104 mg/l zebra fish

CHEMICAL FATE INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Recover or recycle is possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.

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.

AIR (ICAO/IATA)

SHIPPING NAME: Not regulated.

VESSEL (IMO/IMDG)

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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.

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

CERCLA REGULATORY: NA = Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Poly[oxy(methyl-1,2-ethandiyl)], Alpha-butyl-omega-hydroxy-	9003-13-8

REGULATIONS

STATE REGULATIONS: All components listed in section 3 are listed on Pennsylvania and New Jersey Right to Know.

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

NATIONAL RESPONSE CENTER: NA = Not Applicable

CARCINOGEN: Not a carcinogen.

GENERAL COMMENTS: None

16. OTHER INFORMATION

REASON FOR ISSUE: GHS Format

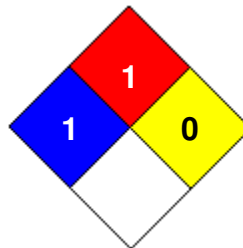
Date Revised: 07/01/2020

REVISION SUMMARY: This SDS replaces the 04/29/2016 SDS. Revised: Section 2: .

HMIS RATING

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

NFPA CODES



DATA SOURCES: The SDS is compiled using supplied product information and SDS information from the manufacturers of the raw materials used in the formulation of this product.

GENERAL STATEMENTS:

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