

# SAFETY DATA SHEET

Date Prepared : 04/29/2016

SDS No : 900315

Date Revised : 05/09/2016

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 <sub>50</sub>	DERMAL LD <sub>50</sub>
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 LD<sub>50</sub>:** ~ 1800 mg/kg rabbit

**ORAL LD<sub>50</sub>:** ~ 48700 mg/kg (rat)

**INHALATION LC<sub>50</sub>:** 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 LC<sub>50</sub>:** ~ 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

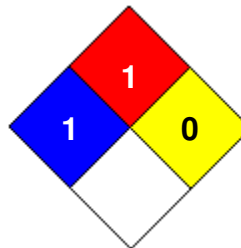
Date Revised: 05/09/2016

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

### HMIS RATING

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	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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