

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued : 04/29/2016  
 SDS No : 900315  
 Date Revised : 05/09/2016  
 Revision No : 1

## Nordson EP 1 Oil

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

#### 1.1. Product identifier

Product code : 900315 / 900331 / 900332  
 Product name : Nordson EP 1 Oil

#### 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

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

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 [CLP]

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

#### 2.2. Label elements

##### Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictogram(s) :   
 Exclamation  
 mark

Signal Word : WARNING

Hazard statement(s) : H319: Causes serious eye irritation.  
 H315: Causes skin irritation.  
 H302: Harmful if swallowed.

##### Precautionary statement(s)

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.

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P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P337+P313: If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

**Immediate concerns** : None Expected.

**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

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

Not Applicable

### 3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt.%	Classification according to Regulation (EC) No 1272/2008 [CLP]
Poly[oxy(methyl-1,2-ethandiyl)], Alpha-butyl-omega-hydroxy-	9003-13-8	500-003-1	> 97	Acute Tox. (O),Cat. 4; Skin Irr.,Cat. 2; Eye Irr.,Cat. 2; H302; H315; H319
N-phenyl-1-naphthylene	90-30-2	Not Applicable	< 1	H302; H317; H373; H410

For full text of H-statements: see SECTION 16.

## 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 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.

**Following skin** : Wash with soap and water. Get medical attention if irritation develops or persists.

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

**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

**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.

### 4.3. Indication of any immediate medical attention and special treatment needed

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### SECTION 5: Fire fighting measures

#### 5.1. Extinguishing media

#### 5.2. Special hazards arising from the substance or mixture

General hazard	: Not Established
Hazardous combustion products	: Oxides of carbon and aldehydes
Explosion hazards	: NA = Not Applicable
Fire explosion	: NA = Not Applicable
Sensitive to static discharge	: None
Sensitivity to impact	: None

#### 5.3. Advice for firefighters

Fire fighting procedures	: Treat in accordance with procedures proper for the primary cause of fire.
Fire fighting equipment	: Wear approved self-contained breathing apparatus.
Additional information	: Clear fire area of all non-emergency personnel.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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

#### 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	: 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.

#### 6.4. Reference to other sections

Reference to other sections	: For disposal, see Section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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.

#### 7.2. Conditions for safe storage, including any incompatibilities

Electrostatic accumulation hazard	: None Expected.
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Shelf life : 7 years  
 Special sensitivity : None known.

### 7.3. Specific end use(s)

Specific end use(s) : Lubricant

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

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

**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.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical state** : Liquid

**Appearance** : Clear colorless to pale yellow.

**Colour** : Clear to slight yellow.

**Odour** : Bland.

**pH** : No data available.

**Freezing temperature** : No data available.

**Boiling temperature** : ~ 20°C (392°F)

**Flash point** : ~ 235°C (455°F) Cleveland Open Cup

**Flammable limits** : No Data to No Data

**Vapor pressure** : < 0.013 kPa at 20°C (68°F)

**Vapor density** : ~ 10 air = 1.0

**Density** : 0.995 - 1.001

**Specific gravity** : 0.995 to 1.001 at 20°C (68°F)

**Solubility in water** : Virtually insoluble

**Auto-ignition temperature** : No data available.

**Thermal decomposition** : No data available.

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Viscosity #1 : 150 cSt at 40°C (104°F)  
 Pour point : ~ -24°C  
 Weight per volume : 8.35 lb/gal.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

Reactivity : None known.

##### 10.2. Chemical stability

Chemical stability : Stable under normal use conditions,

##### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions : None Expected.

Hazardous polymerization : None

##### 10.4. Conditions to avoid

Conditions to avoid : Excessive heat, sparks and open flames.

##### 10.5. Incompatible materials

Incompatible materials : Oxidizers.

##### 10.6. Hazardous decomposition products

Hazardous decomposition products : None under normal use conditions, oxides of carbon when burned.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Acute

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

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

Notes : No component of this product present at levels greater than or equal to 0.1% is identified

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as a carcinogen or potential carcinogen by IARC, ACGIA, NTP or OSHA.

**Reproductive toxicity** : Not toxic for reproduction.

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Aquatic toxicity (acute)

96-hour LC<sub>50</sub> : ~ 104 mg/l zebra fish

#### 12.2. Persistence and degradability

**Persistence and degradability** : No data available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** : No data available.

#### 12.4. Mobility in soil

**Mobility in soil** : No data available.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** : PBT/vPvB assessment not available as chemical safety assessment not required / not conducted.

#### 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.

**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.

**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 a dangerous good

#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

**ADR - road** : None

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RID - rail : None  
 IMDG - sea : None  
 IATA - air : None

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

#### SECTION 15: Regulatory information

##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

RoHS : None  
 General comments : None

##### 15.2. Chemical safety assessment

#### SECTION 16: Other information

**Relevant H-statements (number and full text)** : Acute Tox. (O), Cat. 4: Acute Toxicity (Oral), Category 4  
 Eye Irr., Cat. 2: Eye Irritation, Category 2  
 Skin Irr., Cat. 2: Skin Irritation, Category 2  
 H302: Harmful if swallowed.  
 H315: Causes skin irritation.  
 H317: May cause an allergic skin reaction.  
 H319: Causes serious eye irritation.  
 H373: May cause damage to organs ( state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
 H410: Very toxic to aquatic life with long lasting effects.

**Reason for issue** : GHS Format  
**Revision summary** : This SDS replaces the 04/29/2016 SDS. Revised: **Section 2** : .  
**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** :

#### Manufacturer disclaimer

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