

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued : 02/18/2015

SDS No : 270755 \ 270756 \ 270757

## Nordson Type R Fluid

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

#### 1.1. Product identifier

Product code : 270755 \ 270756 \ 270757

Product name : Nordson Type R Fluid

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

Relevant identified uses : Hot melt adhesive clean up.

#### 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

#### 2.2. Label elements

Non Hazardous

#### 2.3. Other hazards

Health hazards : None known.

Physical hazards : None known.

Additional information : This product is not classified as dangerous according to Annex I of Directive 67/548/EEC and 1272 of the European Union.

### SECTION 3: Composition / information on ingredients

#### 3.1. Substances

Chemical Name	EINECS No.	Wt.%
Polyester Adipate	Polymer	100

#### 3.2. Mixtures

Not Applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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** : 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** : May cause slight eye irritation.
- Skin** : Repeated or prolonged skin contact may cause skin irritation.
- Skin absorption** : None Expected.
- Ingestion** : No data available.
- Inhalation** : May cause dizziness.

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

- Extinguishing media** : CO<sub>2</sub>, Dry Chemical, Water Fog.

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

- Hazardous combustion products** : None known.
- Explosion hazards** : Solid streams of water directed at burning liquid may cause frothing.
- Fire explosion** : None Expected.
- Sensitive to static discharge** : None
- 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** : 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** : None
- 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.

**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**

- Reference to other sections** : For disposal, see Section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

- General procedures** : Any use of this product in an elevated temperature process, should be

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evaluated to establish and maintain safe operating procedures.

**Handling** : Use of proper hygiene practices in the workplace is recommended.

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

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

**Storage temperature** : If possible, store in a "warm" room. Product is viscous at less than normal ambient temperatures.

**Electrostatic accumulation hazard** : NA = Not Applicable

**Shelf life** : 24 months from date of manufacture.

**Special sensitivity** : None known.

**7.3. Specific end use(s)****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.

**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** : Viscous liquid.

**Appearance** : Clear to slightly hazy.

**Colour** : Light yellow.

**Odour** : Mild, not unpleasant.

**Odour threshold** : NA = Not Applicable

**Melting temperature** : NA = Not Applicable

**Freezing temperature** : No data available.

**Boiling temperature** : No data available.

**Flash point** : ~ 300°C Cleveland Open Cup

**Evaporation rate** : NA = Not Applicable

**Vapor pressure** : NA = Not Applicable

**Vapor density** : 25 (air = 1)

**Specific gravity** : 1.09 (water = 1)

**Solubility in water** : Insoluble

**Partition coefficient: n-octanol/water** : No data available.

**Auto-ignition temperature** : NA = Not Applicable

**Thermal decomposition** : No data available.

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<b>Pour point</b>	: No data available.
<b>Weight per volume</b>	: 9.12 lb/gal.
<b>Explosive properties</b>	: No data available.
<b>Oxidising properties</b>	: No data available.

**9.2. Other information**

<b>Percent volatile (VOC)</b>	: 2%
	: 2.0% by weight upon heating to 155° C for 24 hours.

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

<b>Reactivity</b>	: No data available.
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**10.2. Chemical stability**

<b>Chemical stability</b>	: Stable under normal use conditions,
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**10.3. Possibility of hazardous reactions**

<b>Possibility of hazardous reactions</b>	: None known.
<b>Hazardous polymerization</b>	: Will not occur under normal use conditions.

**10.4. Conditions to avoid**

<b>Conditions to avoid</b>	: None known.
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**10.5. Incompatible materials**

<b>Incompatible materials</b>	: Oxidizers.
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**10.6. Hazardous decomposition products**

<b>Hazardous decomposition products</b>	: None under normal use conditions, oxides of carbon when burned.
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**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute**

<b>Eyes</b>	: Not a primary irritant.
<b>Dermal LD<sub>50</sub></b>	: > 2.0 g/kg (rabbit)
<b>Notes</b>	: Not a primary irritant.
<b>Skin absorption</b>	: Absorption not likely to occur.
<b>Oral LD<sub>50</sub></b>	: > 5.0 g/kg (rat)
<b>Notes</b>	: Expected to be a low hazard for usual industrial handling or commercial use by trained personnel.
<b>Irritation</b>	: Not a primary irritant.
<b>Corrosivity</b>	: Non corrosive.
<b>Sensitisation</b>	: Not a sensitizer.
<b>Repeated dose effects</b>	: No data available.
<b>Carcinogenicity</b>	: Not a carcinogen.
<b>Mutagenicity</b>	: No data available.
<b>Reproductive effect</b>	: None Expected.

**SECTION 12: Ecological information****12.1. Toxicity****Aquatic toxicity (acute)**

<b>48-hour EC<sub>50</sub></b>	: > 1000 mg/L (daphnia magna)
<b>Notes</b>	: No mortality nor abnormal effects were noted during testing on fathead minnows

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up to a concentration of 100 mg/L of the product.

**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** : No data available.

**12.6. Other adverse effects**

**General comments** : This product does not contain any ozone depleting compounds.

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

**Product disposal** : Offer surplus and non-recyclable solutions to a licensed disposal company.

**Empty container** :  
offer to licensed container recycler.

**Waste codes** : None known.

**General comments** : Material should be disposed of in accordance to current local and national regulations. It is the responsibility of the user to determine at time of disposal whether a product or solution meets regulatory criteria for hazardous waste, as mixing, use, contamination or soils may render the resultant mixture hazardous.

**SECTION 14: Transport information****14.1. UN number**

**UN number** : None

**Custom tariff number** : None

**14.2. UN proper shipping name**

**UN proper shipping name** : None

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

**Primary hazard class/division** : None

**14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user**

**ADR - road** : None

**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

**15.2. Chemical safety assessment**

**Chemical safety assessment** : Non Hazardous material.

**SECTION 16: Other information**

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**Reason for issue** : GHS Format  
**Approved by** : Brad Van Vleet  
**Prepared by** : JBV  
**Information contact** : enviroblend@birch.net 615-382-8215

**Manufacturer disclaimer**

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