

SAFETY DATA SHEET

Date Prepared : 02/18/2015

SDS No : 270755 \ 270756 \ 270757

Nordson Type R Fluid

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Nordson Type R Fluid
GENERAL USE: Hot melt adhesive clean up.
PRODUCT CODE: 270755 \ 270756 \ 270757

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

CHEMTREC - United States: (800) 424-9300
 Outside of the United States +1 703 527-3887

2. HAZARDS IDENTIFICATION

GHS LABEL

Non Hazardous

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

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

SKIN ABSORPTION: None known.

INGESTION: None known.

INHALATION: May cause dizziness.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: None known.

TERATOGENIC EFFECTS: No data available.

CARCINOGENICITY: Not a carcinogen.

MUTAGENICITY: No data available.

CANCER STATEMENT: Not a carcinogen.

IRRITANCY: Not a primary irritant.

SENSITIZATION: Not a sensitizer.

WARNING CAUTION LABELS: None

COMMENTS HEALTH: No data available.

HEALTH HAZARDS: None known.

PHYSICAL HAZARDS: None known.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%
Polyester Adipate	100

4. FIRST AID MEASURES

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EYES: Immediately flush eyes with plenty of water. Get 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: 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.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO₂, Dry Chemical, Water Fog.

HAZARDOUS COMBUSTION PRODUCTS: None known.

EXPLOSION HAZARDS: Solid streams of water directed at burning liquid may cause frothing.

FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed containers.

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

FIRE EXPLOSION: None Expected.

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon when burned.

6. ACCIDENTAL RELEASE MEASURES

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.

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.

RELEASE NOTES: Keep out of open bodies of water.

SPECIAL PROTECTIVE EQUIPMENT: None

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Any use of this product in an elevated temperature process, should be 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.

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

SHELF LIFE: 24 months from date of manufacture.

SPECIAL SENSITIVITY: None known.

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ELECTROSTATIC ACCUMULATION HAZARD: NA = Not Applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust is recommended when handling generated mists. Direct exhaust is recommended when material becomes heated and fumes are given off.

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.

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 USE PRECAUTIONS: There should be an eye wash close by.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous liquid.

ODOR: Mild, not unpleasant.

ODOR THRESHOLD: NA = Not Applicable

APPEARANCE: Clear to slightly hazy.

COLOR: Light yellow.

PHYSICAL STATE COMMENTS: extremely viscous liquid at room temperatures.

PERCENT VOLATILE: 2%

FLASH POINT AND METHOD: ~ 300°C Cleveland Open Cup

AUTOIGNITION TEMPERATURE: NA = Not Applicable

VAPOR PRESSURE: NA = Not Applicable

VAPOR DENSITY: 25 (air = 1)

BOILING POINT: No data available.

FREEZING POINT: No data available.

MELTING POINT: NA = Not Applicable

POUR POINT: No data available.

THERMAL DECOMPOSITION: No data available.

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: NA = Not Applicable

SPECIFIC GRAVITY: 1.09 (water = 1)

(VOC): 2.0% by weight upon heating to 155° C for 24 hours.

COEFF. OIL/WATER: No data available.

OXIDIZING PROPERTIES: No data available.

WEIGHT PER VOLUME: 9.12 lb/gal.

10. STABILITY AND REACTIVITY

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REACTIVITY: No data available.

HAZARDOUS POLYMERIZATION: Will not occur under normal use conditions.

STABILITY: Stable under normal use conditions,

CONDITIONS TO AVOID: None known.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

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

INCOMPATIBLE MATERIALS: Oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Not a primary irritant.

DERMAL LD₅₀: > 2.0 g/kg (rabbit)

Notes: Not a primary irritant.

SKIN ABSORPTION: Absorption not likely to occur.

ORAL LD₅₀: > 5.0 g/kg (rat)

NOTES: Expected to be a low hazard for usual industrial handling or commercial use by trained personnel.

CARCINOGENICITY

Notes: Not a carcinogen.

REPEATED DOSE EFFECTS: No data available.

IRRITATION: Not a primary irritant.

CORROSIVITY: Non corrosive.

SENSITIZATION: Not a sensitizer.

REPRODUCTIVE EFFECTS: None Expected.

MUTAGENICITY: No data available.

12. ECOLOGICAL INFORMATION

BIOACCUMULATION/ACCUMULATION: No data available.

DISTRIBUTION: No data available.

AQUATIC TOXICITY (ACUTE)

48-HOUR EC₅₀: > 1000 mg/L (daphnia magna)

Notes: No mortality nor abnormal effects were noted during testing on fathead minnows up to a concentration of 100 mg/L of the product.

CHEMICAL FATE INFORMATION: No data available.

GENERAL COMMENTS: This product does not contain any ozone depleting compounds.

13. DISPOSAL CONSIDERATIONS

FOR LARGE SPILLS: Stop Leak. Dike to contain spill, cover with inert absorbent material, sweep up and place in suitable container for proper disposal.

PRODUCT DISPOSAL: Offer surplus and non-recyclable solutions to a licensed disposal company.

EMPTY CONTAINER:

offer to licensed container recycler.

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EUROPEAN WASTE CATALOGUE: 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.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: None

UN NUMBER: None

SPECIAL PROVISIONS: None

AIR (ICAO/IATA)

SHIPPING NAME: Not regulated.

PRIMARY HAZARD CLASS/DIVISION: None

SPECIAL PROVISIONS: None

VESSEL (IMO/IMDG)

SHIPPING NAME: Not regulated.

SPECIAL PROVISIONS: None

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 Hazards.

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: NA = Not Applicable

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

CERCLA REGULATORY: NA = Not Applicable

CERCLA RQ: None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: In Compliance.

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: NA = Not Applicable

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: NA = Not Applicable

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.

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CARCINOGEN: Not a carcinogen.

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): This product is listed on the DSL inventory of Canada.

16. OTHER INFORMATION

REASON FOR ISSUE: GHS Format

APPROVED BY: Brad Van Vleet

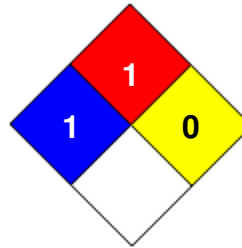
PREPARED BY: JBV **Date Prepared:** 02/18/2015

INFORMATION CONTACT: enviroblend@birch.net 615-382-8215

HMIS RATING

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

NFPA CODES



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