

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: **NEUGENIC 4177 (EU)**
PRODUCT CODE: 4153
MANUFACTURER/SUPPLIER'S/NAME : Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621
EMERGENCY PHONE: INFOTRAC: 1-800-535-5053
OUTSIDE U.S.: 1-352-323-3500

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	EINECS Number	EEC Classification and Risk Phrases
Diethylene glycol butyl ether 112-34-5	5	203-961-6	Xi;R36

For the full text of the R phrases mentioned in this Section, see Section 15

3. HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS

Irritating to eyes

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. May cause aspiration pneumonia. Never give anything by mouth to an unconscious person. Get immediate medical attention.
SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation persists.
INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN: None.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water fog, carbon dioxide, foam, dry chemical.
SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO
SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.
FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Mop up all possible. Flush residue with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS:

NA

ENVIRONMENTAL PRECAUTIONS:

NA

METHODS FOR CLEANING UP:

NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Caution: Use only with adequate ventilation. Do not store near heat, sparks or flame. Do not store near oxidizing agents. Store only in original container and keep closed. Avoid contact with skin and eyes. Do not breathe mist or vapors.

OTHER PRECAUTIONS:

Do not reuse container. Keep out of reach of children.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

PRODUCT COMPOSITION CAS#	%	EU OEL	United Kingdom OEL	Ireland OEL
Diethylene glycol butyl ether 112-34-5	5	Listed		-



PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS:

Use in a well ventilated area.

RESPIRATORY PROTECTION:

None normally required. Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.

PROTECTIVE GLOVES:

Solvent resistant material such as Viton, neoprene or nitrile rubber.

EYE PROTECTION:

Safety Glasses. Goggles.

OTHER PERSONAL PROTECTION

Appropriate protective clothing as needed to prevent skin contact.

EQUIPMENT:

VENTILATION:

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Required when spraying large amounts or applying in confined area. Use non-sparking equipment. No smoking or open lights.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Clear. Yellow. Liquid. Mild odor.

BOILING POINT (F):

212° F (approx.)(C) NA

VAPOR PRESSURE:

7.5 mm Hg @ 68° F

VAPOR DENSITY (AIR=1):

> 1

SOLUBILITY IN WATER:

NA

SPECIFIC GRAVITY:

0.950

VOC Content (%):

Approx. 33.4% @ 110° C

VOV Content (%):

NE

EVAPORATION RATE:

< (BuAc = 1) : 1.26

PH:

12.2 (conc.)

FLASH POINT (F):

None(C): NA

METHOD:

TCC

FLAMMABLE LIMITS IN AIR

- LOWER (%):

NT

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9. PHYSICAL AND CHEMICAL PROPERTIES

- UPPER (%): None

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Incomplete combustion produces: Fumes. Smoke. Soot. Carbon Dioxide. Carbon Monoxide.
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with: Strong acids and oxidizers.
CONDITIONS/HAZARDS TO AVOID: Open flames. Welding arcs.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Causes vomiting, nausea, and diarrhea. Aspiration of ingested or vomited liquid into the lungs may cause chemical pneumonia, which can be fatal.
SKIN CONTACT: Prolonged contact may lead to irritation and dermatitis. Glycol ether component can be absorbed through the skin.
INHALATION: Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness. May cause Central Nervous System effects.
EYE CONTACT: May cause severe eye irritation.
CHRONIC EFFECTS: None expected in normal use. Long term overexposure to some glycol ethers by skin absorption or inhalation may cause kidney, liver, or blood effects based on animal testing.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

ROAD TRANSPORT Not Regulated
RID TRANSPORT Not Regulated
IMDG TRANSPORT Not Regulated
ICAO/IATA TRANSPORT Not Regulated

15. REGULATORY INFORMATION

LABEL FOR SUPPLY

R -PHRASE(S)

16. OTHER INFORMATION

REVISION DATE: 06/19/2007
REVISION NUMBER: 1

PREPARED BY: EH&S DEPARTMENT

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

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