

# MATERIAL SAFETY DATA SHEET



## 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name **NEOBEE M-20**  
Manufacturer Stepan Company  
22 West Frontage Road  
Northfield, IL 60093 USA

Telephone Numbers - 24 Hour Emergency Assistance  
Medical 800-228-5635  
Chemtrec 800-424-9300  
Chemtrec Int'l 703-527-3887

Telephone Numbers - General Assistance  
General (847) 446-7500

Product Class Fatty acid ester

Product Number 2750

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
_Propylene glycol di(octanoate /decanoate)	68583-51-7	100 %

## 3 HAZARDS IDENTIFICATION

### Emergency Overview

Liquid, slight yellow color Bland odor.  
May cause irritation to eyes. May cause mild skin irritation.

### Health Effects: Eyes

This product may cause irritation to the eyes.

### Health Effects: Skin

Not expected to be a primary skin irritant. Prolonged or excessive skin contact with this product may cause mild skin irritation.

### Health Effects: Inhalation

Inhalation of vapors or mists of the product may be irritating to the respiratory system.

### Health Effects: Ingestion

No significant adverse effects are expected upon ingestion of the product.

## 4 FIRST AID MEASURES

### Eyes

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.

### Skin

For skin contact flush with large amounts of water. If irritation persists, get medical attention.

### Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

### Ingestion

No need for first aid is anticipated if material is swallowed.

## 5 FIRE FIGHTING MEASURES

**Flash Point** (176.7 °C), 350 F PMCC

### Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

### Fire Fighting Equipment / Instructions

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL AND LEAK PROCEDURES

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Do not touch or walk through spilled material. Wear appropriate personal protective equipment during cleanup. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas.

Surfaces may become slippery after spillage.

## 7 HANDLING & STORAGE

### Handling Procedures

Industrial product. Not for consumption "as is". Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

### Storage Procedures

Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Controls

Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

**Personal Protective Equipment: Eyes/Face**

Wear safety glasses with side shields.

**Personal Protective Equipment: Skin**

Use impervious gloves. Wear suitable protective clothing.

**Personal Protective Equipment: Respiratory**

Under normal conditions, respirator is not normally required. If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

**Personal Protective Equipment: General**

Eye wash fountain and emergency showers are recommended.

## 9 PHYSICAL & CHEMICAL PROPERTIES

<b>Flash Point</b>	(176.7 °C), 350 F PMCC
<b>Boiling Point</b>	(165 °C), 329 F @ 1.5 mmHg
<b>Specific Gravity</b>	(7.638 lb/gal), 0.918 g/ml @ 25 C
<b>Percent Volatile</b>	NIL
<b>Vapor Pressure</b>	1.5 mmHg @ 165 C
<b>Vapor Density</b>	Not applicable.
<b>Viscosity</b>	9.5 cps @ 25 C
<b>Evaporation Rate</b>	Estimated slower than ethyl ether.
<b>Solubility in Water</b>	Insoluble
<b>RVOC</b>	0 %
<b>Freezing Point</b>	(-20 °C), -4 F

**Appearance and Odor**

Liquid, slight yellow color. Bland odor.

## 10 STABILITY & REACTIVITY

**Chemical Stability**

Stable under normal conditions.

**Incompatibility**

This product may react with strong oxidizing agents. This product may react with strong alkalies.

**Hazardous Decomposition**

None known.

**Hazardous Polymerization**

Will not occur.

## 11 TOXICOLOGICAL INFORMATION

**Carcinogenicity**

Not listed as carcinogenic according to IARC, NTP or OSHA.

**LD50 Value**

Oral LD50 (rat) = >5000 - 15,000 mg/kg

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity**

No data available on finished product.

**Environmental Fate**

This product is biodegradable.

## 13 DISPOSAL CONSIDERATIONS

**Disposal Instructions**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

## 14 TRANSPORT INFORMATION

**DOT Proper Shipping Name** Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

## 15 REGULATORY INFORMATION

<b>Ingredient Name</b>	<b>CAS Number</b>	<b>Percent</b>
_Propylene glycol di(octanoate /decanoate)	68583-51-7	100 %

**Inventories**

All components of this product are listed on the following inventories:U.S.A.(TSCA), Canada(DSL), Europe(EINECS/ELINCS/Polymer/NLP), Australia(AICS), Japan(ENCS), Korea(ECL), China (EICS),Philippines(PICCS)

There is no calculable reportable quantity (RQ) for this product.

## 16 OTHER INFORMATION

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<b>HAZARD RATINGS</b>	<b>HMIS NFPA</b>	
<b>Health</b>	1	1
<b>Flammability</b>	1	1
<b>Reactivity</b>	0	0
<b>PPE</b>	X	

**Completed On** 4/9/03 **Replaces Sheet Dated** 01/23/2002  
**Completed By** Product Safety & Compliance