



Revision Date 01/04/2017

# SAFETY DATA SHEET

REVISION NUMBER: 3

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** SEE THRU

### Other means of identification

**Product code** 117689

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Cleaning agent. Glass Cleaner.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624 USA  
(585) 336-2200

#### **Importer**

Rochester Midland Canada Corporation  
143 Mills Road  
Ajax, ON L1S 2H2  
Canada  
905-619-6738

### Emergency telephone number

**EMERGENCY TELEPHONE**  
INFOTRAC: 1-800-535-5053  
OUTSIDE U.S.: +1-352-323-3500  
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

#### **Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)  
This chemical is not considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

#### **Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** Clear Blue

**Physical state** Liquid

**Odor** Glycol Ether-like odor.

### Hazards not otherwise classified (HNOC)

No information available

### Other Information

- Causes mild skin irritation

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
2-Butoxyethanol	111-76-2	3	*

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**4. FIRST AID MEASURES****First aid measures**

<b>General advice</b>	No hazards which require special first aid measures.
<b>Eye contact</b>	IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	IF ON SKIN: Wash with soap and water.
<b>Inhalation</b>	IF INHALED: Remove to fresh air.
<b>Ingestion</b>	IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Avoid contact with eyes. Use only with adequate ventilation. Do not breathe mist or vapors. Avoid prolonged contact. Keep out of reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	S* (vacated) S* (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> TWA: 50 ppm TWA: 240 mg/m <sup>3</sup>	700 ppm

### Appropriate engineering controls

**ENGINEERING CONTROLS** General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Showers. Eyewash stations.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Safety glasses are recommended to minimize eye contact.

**Skin and body protection** Chemical resistant gloves are recommended to minimize skin contact. Appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

**RESPIRATORY PROTECTION** None normally required. Use NIOSH approved acid respirator with dust/mist filter if spray mist in air exceeds exposure limits.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Glycol Ether-like odor.
<b>Appearance</b>	Clear Blue	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	7.0		
<b>Melting point/freezing point</b>	No information available		
<b>Boiling point / boiling range</b>	100 °C / 212 °F		
<b>Flash point</b>	-	None to boiling.	
<b>Evaporation rate</b>	1.26		

<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
<b>Vapor pressure</b>	15.7	mm Hg @ 22.2 °C
<b>Vapor density</b>	0.625	
<b>Specific gravity</b>	0.99 - 1.00	
<b>Water solubility</b>	No information available	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**Other Information**

<b>Softening point</b>	No information available
<b>VOC (EPA METH.24) (G/L):</b>	29.8
<b>Density</b>	8.29 lbs./gal (0.99 kg/l)
<b>Bulk density</b>	No information available

**10. STABILITY AND REACTIVITY****REACTIVITY**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**CONDITIONS TO AVOID**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Oxides of Carbon. Oxides of Nitrogen.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	No data available.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Causes mild skin irritation.
<b>Ingestion</b>	Large amounts may cause irritation, nausea, diarrhea.

PRODUCT COMPOSITION	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	= 470 mg/kg ( Rat )	= 220 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

PRODUCT COMPOSITION	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3	Group 3	-	-

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 15667 mg/kg

**ATEmix (dermal)** 36667 mg/kg

**ATEmix (inhalation-dust/mist)** 50 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

0.116% of the mixture consists of component(s) of unknown hazards to the aquatic environment

PRODUCT COMPOSITION	Algae/aquatic plants	Fish	Crustacea
2-Butoxyethanol 111-76-2	-	2950: 96 h Lepomis macrochirus mg/L LC50 1490: 96 h Lepomis macrochirus mg/L LC50 static	1000: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

PRODUCT COMPOSITION	Partition coefficient
2-Butoxyethanol 111-76-2	0.81

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

## 14. TRANSPORT INFORMATION

### DEPT. OF TRANSPORTATION

Proper shipping name

Not Regulated by DOT

### TDG

Not Regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Complies
ENCS	Does not Comply
IECSC	Does not Comply
KECL	Does not Comply
PICCS	Does not Comply
AICS	Complies

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

PRODUCT COMPOSITION	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	1.0

#### SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	No
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
Sudden release of pressure hazard	No
REACTIVE HAZARD	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

PRODUCT COMPOSITION	NJRTK:	MARTK:	PARTK:
2-Butoxyethanol 111-76-2	Listed	Listed	Listed

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION****NFPA**

Health hazards 1

Flammability 0

Instability 0

Physical and Chemical Properties -

**HMIS**

Health hazards 1

Flammability 0

Physical hazards 0

Personal protection B

Prepared By

EH&S DEPARTMENT

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Revision Note

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

\*\*\* END OF SDS \*\*\*