



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/13/2012

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9

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PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **FORMULA 260, Special Cleaner**

PRODUCT CODE: 101930

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 2/2

Fire: 0/0

Reactivity: 0/0

Special/Protective Equipment: ALK/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624  
USA

Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:** Causes vomiting, nausea, and diarrhea. May cause burns to mucous membranes of mouth, throat, and digestive tract.

**SKIN CONTACT:** Prolonged contact causes severe burns which may not be immediately painful or visible.

**INHALATION:** Inhalation of dust or mist may cause nose and respiratory irritation. Possible tissue damage. Possible dizziness, headache.

**EYE CONTACT:** May Cause Eye Burns. May cause permanent eye damage. May cause blindness.

**CHRONIC EFFECTS:** Dermatitis. Possible respiratory damage from inhalation of dust or mist. Long term overexposure to some glycol ethers by skin absorption or inhalation may cause kidney, liver, or blood effects based on animal testing.

**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.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Diethylene glycol butyl ether 112-34-5	10	Not applicable	Not applicable
Sodium dodecylbenzene sulfonate 25155-30-0	< 5	Not applicable	Not applicable
SODIUM HYDROXIDE 1310-73-2	< 1	Not applicable	2 mg/m <sup>3</sup>
Sodium Silicate 6834-92-0	< 5	Not applicable	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person.

**SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Continue rinsing until "slippery" feeling is gone. Get medical attention if irritation or burns develop.

## FORMULA 260, Special Cleaner

### 4. FIRST AID MEASURES

<b>INHALATION:</b>	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.
<b>EYES:</b>	In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
<b>NOTES TO PHYSICIAN:</b>	None.

### 5. FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b>	(F): None (C): Not determined
<b>METHOD:</b>	TCC
<b>FLAMMABLE LIMITS IN AIR</b>	
<b>LOWER (%):</b>	No data
<b>UPPER (%):</b>	No data
<b>SENSITIVITY TO MECHANICAL IMPACT(Y/N):</b>	NO
<b>SENSITIVITY TO STATIC DISCHARGE:</b>	Sensitivity to static discharge is not expected.
<b>SUITABLE EXTINGUISHING MEDIA:</b>	As for surrounding fire. Product will not burn.
<b>FIRE FIGHTING PROCEDURES:</b>	Corrosive material. Avoid exposure to mist and splashes. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

<b><u>SPILL PROCEDURES:</u></b>	
<b>SMALL SPILLS:</b>	Mop up all possible. Flush with water.
<b>LARGE SPILLS:</b>	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.
<b>PERSONAL PRECAUTIONS:</b>	Not applicable
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not applicable
<b>METHODS FOR CLEANING UP:</b>	Not applicable

### 7. HANDLING AND STORAGE

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Caution: Alkaline liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store only in original container and keep closed. Store in a cool, dry area. Store in a well ventilated area. Keep from freezing.
<b>OTHER PRECAUTIONS:</b>	Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Contact with certain food sugars can release hazardous amounts of carbon monoxide gas in enclosed vessels. Read and follow label instructions.
<b>SPECIFIC USE(S):</b>	Not applicable.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT:



<b>EXPOSURE CONTROLS:</b>	None known.
<b>RESPIRATORY PROTECTION:</b>	Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.
<b>PROTECTIVE GLOVES:</b>	Chemical resistant gloves are recommended to minimize skin contact.
<b>EYE PROTECTION:</b>	Safety glasses are recommended to minimize eye contact.
<b>OTHER PERSONAL PROTECTION EQUIPMENT:</b>	Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible. 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.
<b>VENTILATION:</b>	General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE AND ODOR:</b>	Clear purple liquid. Lemon odor.	
<b>BOILING POINT (F):</b>	212°	(C) 100°
<b>VAPOR PRESSURE:</b>	NE	
<b>VAPOR DENSITY (AIR=1):</b>	NE	
<b>SOLUBILITY IN WATER:</b>	Not determined	
<b>SPECIFIC GRAVITY:</b>	1.029 - 1.049	
<b>VOC Content (%):</b>	NE	
<b>EVAPORATION RATE:</b>	NE	
<b>PH:</b>	12.5 - 13.5	

## **10. STABILITY AND REACTIVITY**

<b>STABILITY DATA:</b>	STABLE
<b>POLYMERIZATION:</b>	Will Not Occur.
<b>HAZARDOUS DECOMPOSITION:</b>	If evaporated to dryness, as in a fire, may release: Soot. Smoke. Carbon Monoxide. Oxides of mercury Sulfur compounds.
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Acids. Do not mix with: Strong oxidents, such as nitric acid, or hypochlorites. May release acid fumes.
<b>CONDITIONS/HAZARDS TO AVOID:</b>	None.

## **11. TOXICOLOGICAL INFORMATION**

<b>ACUTE TOXICITY:</b>	Not Established
<b>EFFECTS OF CHRONIC EXPOSURE:</b>	Not established.
<b>OTHER TOXIC EFFECTS:</b>	Not established.

## **12. ECOLOGICAL INFORMATION**

<b>ECOTOXICOLOGICAL INFORMATION:</b>	No data at this time
<b>CHEMICAL FATE INFORMATION:</b>	No data at this time.
<b>MOBILITY:</b>	Not applicable.
<b>PERSISTENCE/DEGRADABILITY:</b>	Not applicable
<b>BIOACCUMULATIVE POTENTIAL:</b>	Not applicable
<b>OTHER ADVERSE EFFECTS:</b>	Not applicable

## **13. DISPOSAL CONSIDERATIONS**

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

## **14. TRANSPORT INFORMATION**

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## **15. REGULATORY INFORMATION**

## FORMULA 260, Special Cleaner

### 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Diethylene glycol butyl ether 112-34-5	10	Listed	Listed	Listed	Not Listed
Sodium dodecylbenzene sulfonate 25155-30-0	< 5	Listed	Listed	Listed	Not Listed
SODIUM HYDROXIDE 1310-73-2	< 1	Listed	Listed	Listed	Not Listed
Sodium Silicate 6834-92-0	< 5	Listed	Not Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Diethylene glycol butyl ether 112-34-5	10	Not Listed	Not Listed	Not Listed
Sodium dodecylbenzene sulfonate 25155-30-0	< 5	1000 lb 454 kg	Not Listed	Not Listed
SODIUM HYDROXIDE 1310-73-2	< 1	1000 lb 454 kg	Not Listed	Not Listed
Sodium Silicate 6834-92-0	< 5	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Diethylene glycol butyl ether 112-34-5	10	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	< 5	Listed
SODIUM HYDROXIDE 1310-73-2	< 1	Listed
Sodium Silicate 6834-92-0	< 5	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Sodium dodecylbenzene sulfonate 25155-30-0	< 5	Listed
SODIUM HYDROXIDE 1310-73-2	< 1	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Diethylene glycol butyl ether 112-34-5	10	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	< 5	Listed
SODIUM HYDROXIDE 1310-73-2	< 1	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Diethylene glycol butyl ether 112-34-5	10	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	< 5	Listed
SODIUM HYDROXIDE 1310-73-2	< 1	Listed

### 16. OTHER INFORMATION

**16. OTHER INFORMATION**

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.

**\*\*\* END OF MSDS \*\*\***