



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 09/24/2012

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10

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PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **SPRA-KLEEN, Heavy Duty Cleaner Degreaser**

PRODUCT CODE: 120202

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

Health: 3/3

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

**SKIN CONTACT:** May cause moderate skin burns.

**INHALATION:** Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness.

**EYE CONTACT:** May Cause Eye Burns.

**CHRONIC EFFECTS:** 2-Butoxyethanol is readily absorbed through the skin; frequent or widespread contact may absorb harmful amounts. Repeated overexposure may cause damage to liver, kidney, and red blood cells.

**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
SODIUM HYDROXIDE 1310-73-2	1 - 2	Not applicable	2 mg/m <sup>3</sup>
2-BUTOXYETHANOL 111-76-2	10 - 15	20 ppm	240 mg/m <sup>3</sup> 50 ppm
Sodium metasilicate 6834-92-0	1-2	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.

**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.

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### 4. FIRST AID MEASURES

**EYES:** 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.

**NOTES TO PHYSICIAN:** None.

### 5. FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** (F): None to boiling (C): None to boiling

**METHOD:** None

**FLAMMABLE LIMITS IN AIR**

**LOWER (%):** No data

**UPPER (%):** No data

**SENSITIVITY TO MECHANICAL IMPACT(Y/N):** NO

**SENSITIVITY TO STATIC DISCHARGE:** Sensitivity to static discharge is not expected.

**SUITABLE EXTINGUISHING MEDIA:** Product is mostly water and will not burn. Water fog, carbon dioxide, foam, dry chemical.

**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.

### 6. ACCIDENTAL RELEASE MEASURES

#### SPILL PROCEDURES:

**SMALL SPILLS:** Mop up all possible. Rinse down drain.

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

**PERSONAL PRECAUTIONS:** Not applicable

**ENVIRONMENTAL PRECAUTIONS:** Not applicable

**METHODS FOR CLEANING UP:** Not applicable

### 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** 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.

**OTHER PRECAUTIONS:** Keep out of reach of children.

**SPECIFIC USE(S):** Not applicable.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT:



**EXPOSURE CONTROLS:** None known.

**RESPIRATORY PROTECTION:** Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

**PROTECTIVE GLOVES:** Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.

**EYE PROTECTION:** Safety glasses are recommended to minimize eye contact.

**OTHER PERSONAL PROTECTION EQUIPMENT:** 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.

**VENTILATION:** General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Blue liquid; butyl odor.	
BOILING POINT (F):	212° F	(C) Not determined
VAPOR PRESSURE:	15.7 mm Hg @ 20° C	
VAPOR DENSITY (AIR=1):	0.625	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	1.02 - 1.04; 8.58#/gal.	
VOC Content (%):	14	
EVAPORATION RATE:	(BuAc = 1) : 1.26	
PH:	13.0 - 14.0	

### 10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Oxides of Sulfur. Oxides of Carbon.
INCOMPATIBILITY (MATERIALS TO AVOID):	Neutralizes active ingredients. Do not mix with acidic materials.
CONDITIONS/HAZARDS TO AVOID:	None.

### 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Established
EFFECTS OF CHRONIC EXPOSURE:	Not established.
OTHER TOXIC EFFECTS:	Not established.

### 12. ECOLOGICAL INFORMATION

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

### 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Dispose in accordance with Federal, State and Local regulations.
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### 14. TRANSPORT INFORMATION

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

### 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
SODIUM HYDROXIDE 1310-73-2	1 - 2	Listed	Listed	Listed	Not Listed
2-BUTOXYETHANOL 111-76-2	10 - 15	Listed	Listed	Listed	Not Listed
Sodium metasilicate 6834-92-0	1-2	Listed	Listed	Listed	Not Listed

## SPRA-KLEEN, Heavy Duty Cleaner Degreaser

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SODIUM HYDROXIDE 1310-73-2	1 - 2	1000 lb 454 kg	Not Listed	Not Listed
2-BUTOXYETHANOL 111-76-2	10 - 15	Not Listed	Not Listed	Not Listed
Sodium metasilicate 6834-92-0	1-2	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SODIUM HYDROXIDE 1310-73-2	1 - 2	Listed
2-BUTOXYETHANOL 111-76-2	10 - 15	Listed
Sodium metasilicate 6834-92-0	1-2	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 HYDROXIDE 1310-73-2	1 - 2	Listed
2-BUTOXYETHANOL 111-76-2	10 - 15	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:
SODIUM HYDROXIDE 1310-73-2	1 - 2	Listed
2-BUTOXYETHANOL 111-76-2	10 - 15	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:
SODIUM HYDROXIDE 1310-73-2	1 - 2	Listed
2-BUTOXYETHANOL 111-76-2	10 - 15	Listed

### 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 \*\*\*