



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/17/2012  
DATE PRINTED: 04/17/2012

REVISION NUMBER: 9  
PREPARED BY: EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **JIFFY, Spray Cleaner**  
PRODUCT CODE: 102430

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

Health: 2/2 Fire: 0/0  
Reactivity: 1/1 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. Severe burns to mucous membranes of mouth, throat and digestive tract.  
**SKIN CONTACT:** Causes severe skin irritation.  
**INHALATION:** Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness. Inhalation of mist may cause damage to nasal and respiratory passages.  
**EYE CONTACT:** Causes severe eye irritation. May Cause Eye Burns. 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
SODIUM HYDROXIDE 1310-73-2	< 1	Not applicable	2 mg/m <sup>3</sup>
Diethylene glycol butyl ether 112-34-5	< 5	Not applicable	Not applicable
SODIUM CARBONATE 497-19-8	< 5	Not applicable	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek 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:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention. Remove contact lenses.

**NOTES TO PHYSICIAN:** None.

## 5. FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** (F): Not determined (C): Not determined

**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:** As for surrounding fire. Product will not burn.

**FIRE FIGHTING PROCEDURES:** Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

## 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. Releases of some glycol ethers may be CERCLA reportable.

**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:** WARNING 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 well ventilated area. Keep from freezing.

**OTHER PRECAUTIONS:** Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Read and follow label instructions.

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**



**EXPOSURE CONTROLS:** Use in a well ventilated area.

**RESPIRATORY PROTECTION:** None normally required. Use an approved NIOSH full-face air supplied respirator if TLV/PEL's are 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:** 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.

**VENTILATION:** General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Slight glycol ether odor. Clear yellow-green liquid.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT (F):</b>	212° F	(C) 100° C
<b>VAPOR PRESSURE:</b>	Not determined	
<b>VAPOR DENSITY (AIR=1):</b>	Not determined	
<b>SOLUBILITY IN WATER:</b>	Not determined	
<b>SPECIFIC GRAVITY:</b>	1.03 +/- 0.01	
<b>VOC Content (%):</b>	3.9	
<b>EVAPORATION RATE:</b>	Not determined	
<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>	Oxides of Carbon. Oxides of Nitrogen.
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Neutralizes active ingredients. Use on aluminum, tin, or zinc-plated (galvanized) surfaces may cause pitting or surface deterioration. Reacts with water to form hydrogen. Do not mix with acidic materials.
<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

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
SODIUM HYDROXIDE 1310-73-2	< 1	Listed	Listed	Listed	Not Listed
Diethylene glycol butyl ether 112-34-5	< 5	Listed	Listed	Listed	Not Listed
SODIUM CARBONATE 497-19-8	< 5	Listed	Listed	Listed	Not Listed

## JIFFY, Spray Cleaner

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SODIUM HYDROXIDE 1310-73-2	< 1	1000 lb 454 kg	Not Listed	Not Listed
Diethylene glycol butyl ether 112-34-5	< 5	Not Listed	Not Listed	Not Listed
SODIUM CARBONATE 497-19-8	< 5	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SODIUM HYDROXIDE 1310-73-2	< 1	Listed
Diethylene glycol butyl ether 112-34-5	< 5	Listed
SODIUM CARBONATE 497-19-8	< 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 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:
SODIUM HYDROXIDE 1310-73-2	< 1	Listed
Diethylene glycol butyl ether 112-34-5	< 5	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	Listed
Diethylene glycol butyl ether 112-34-5	< 5	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 \*\*\*