



# JIFFY, Spray Cleaner

## 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):** None (C): NA  
**METHOD:** None

### FLAMMABLE LIMITS IN AIR

- LOWER (%): NA  
- UPPER (%): NA

**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:** NA  
**ENVIRONMENTAL PRECAUTIONS:** NA  
**METHODS FOR CLEANING UP:** NA

## 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):** NA

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT:



**EXPOSURE CONTROLS:** Use in a well ventilated area.  
**RESPIRATORY PROTECTION:** Not normally required. If product is used in a manner which creates dust or mist above recommended exposure limits, a NIOSH/MSHA approved respirator with dust/mist filter may be needed in the absence of proper environmental controls.

**PROTECTIVE GLOVES:** Rubber or plastic gloves recommended to minimize skin contact.  
**EYE PROTECTION:** Safety Glasses. Goggles.  
**OTHER PERSONAL PROTECTION EQUIPMENT:** Appropriate protective clothing as needed to prevent skin contact. Rubber boots. Eyewash fountains and safety showers must be easily accessible.  
**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>	212F	(C) NA
<b>VAPOR PRESSURE:</b>	As water	
<b>VAPOR DENSITY (AIR=1):</b>	As water	
<b>SOLUBILITY IN WATER:</b>	NA	
<b>SPECIFIC GRAVITY:</b>	1.03 +/- 0.01	
<b>VOC Content (%):</b>	3.9	
<b>VOV Content (%):</b>	96.2	
<b>EVAPORATION RATE:</b>	As water	
<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>	Hydrogen halides
<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>	NE
<b>EFFECTS OF CHRONIC EXPOSURE:</b>	NE
<b>OTHER TOXIC EFFECTS:</b>	NE

## 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>	NA
<b>PERSISTENCE/DEGRADABILITY:</b>	NA
<b>BIOACCUMULATIVE POTENTIAL:</b>	NA
<b>OTHER ADVERSE EFFECTS:</b>	NA

## 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

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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	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

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 \*\*\*