

11/17/05

# MATERIAL SAFETY DATA SHEET

RAIN-X® GLASS CLEANER

## 1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 15862

Version Date: 10/19/2005

Product Name: RAIN-X® GLASS CLEANER

Product Use: Glass cleaner

Synonyms: RX68216, RX68214PFD, RX68064, RX55GLASSWT, RX68214-6P

### Company Information

SOPUS Products  
P.O. Box 4427  
Houston, TX 77210-4427  
USA

### Phone Numbers

Medical Emergency: 1-800-546-6040  
Transportation Emergency (USA): 1-800-424-9300  
Transportation Emergency (International):  
1-703-527-3887 (Call collect)  
MSDS Assistance: 1-800-546-6227  
Fax On Demand: 1-800-546-6227  
Technical Assistance: 1-800-416-1600  
Customer Service: 1-800-416-1600  
Fax Number: 713-217-3181  
Internet Address: www.MSDS.PZLQS.com

## 2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
WATER	7732-18-5	70 - 95	No
ISOPROPYL ALCOHOL	67-63-0	< 5	Yes
SURFACTANT	MIXTURE	< 10	No
BUTYL CELLOSOLVE	111-76-2	1 - 5	Yes

This product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### Hazards:

Flammable/Combustible X Acute Toxin X Chronic Toxin -- Carcinogen --  
Pressure -- Reactive -- Exposure Limit X Target Organ -- Other --

Other: No information available

## 3. HAZARDS IDENTIFICATION

### Emergency and Hazards Overview

CAUTION: MAY CAUSE EYE IRRITATION.

NFPA Ratings: Health 1 Flammability 1 Reactivity 0

Primary Route of Exposure: Skin X Inhalation -- Eye X

### Health Effect Information

**Eye Contact:** Avoid eye contact. May be irritating to the eyes upon direct contact.

**Skin Contact:** Avoid prolonged and repeated skin contact. Prolonged or repeated contact may result in slight skin irritation.

**Inhalation:** This product is not expected to pose an inhalation hazard under conditions of foreseeable use.

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**Ingestion:** This product is regarded as having a low order of toxicity. Ingestion is expected to be relatively non-toxic unless aspiration occurs. If biphasic separation of this mixture occurs, the solvent phase may pose a hazard upon aspiration. Coughing, choking, and gagging are often noted at the time of aspiration.

**Medical Conditions Aggravated by Exposure:** None expected.

**Other:** No information available

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## 4. FIRST AID INFORMATION

**Eye Contact:** Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If irritation persists, seek medical attention.

**Skin Contact:** No treatment is necessary under ordinary circumstances. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention.

**Inhalation:** This material does not present any known inhalation hazard. No treatment is necessary under ordinary circumstances.

**Ingestion:** Do not induce vomiting due to aspiration hazard. If vomiting occurs lower head below knees to avoid aspiration. If victim exhibits signs of lung aspiration such as coughing or choking, seek immediate medical assistance.

**Notes to Physician:** No information available

**Other:** No information available

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## 5. FIRE AND EXPLOSION INFORMATION

### Flammable Properties

**Flash Point:** 129 F, 53.9 C

**Test Method:** ASTM D-3828

### Flammable Limits in Air

**Upper Percent:** No data available

**Lower Percent:** No data available

**Autoignition Temperature:** No data available

**Test Method:** No information available

**NFPA Classification:** Class II combustible liquid

**Extinguishing Media:** Use dry chemical, foam, or carbon dioxide.

### Fire Fighting Measures

**Special Fire Fighting Procedures and Equipment:** Water may be ineffective but can be used to cool containers exposed to heat or flame to prevent vapor pressure buildup and possible container rupture.

**Unusual Fire and Explosion Conditions:** Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion. This product is a mixture of water and a water miscible alcohol, and does not present a significant flammability hazard when used by consumers.

Although the flash point of this product may be below 150F, such products are not considered combustible by the Consumer Products Safety Commission (CPSC).

**Hazardous Combustion By-Products:** No information available

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**Other:** No information available

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## 6. ACCIDENTAL RELEASE MEASURES

**Personnel Safeguards:** Provide adequate ventilation during clean-up. Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire and Explosion Information in Section 5, and Stability and Reactivity Information in Section 10.

**Regulatory Notifications:** No notification required

**Containment and Clean up:** No special cleanup procedures are necessary. Do not allow spill to enter sewers or watercourses. Small spills may be picked up with absorbent material.

**Other:** No information available

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## 7. HANDLING AND STORAGE INFORMATION

**Handling:** No special handling procedures are necessary.

**Storage:** Store in a cool, well ventilated area in closed containers away from heat, sparks, open flame or oxidizing materials. Do not transfer to unmarked containers.

### Empty Container Warnings

**Drums:** Not applicable

**Plastic:** Do not reuse this container. Empty container may retain product residues.

**Other:** No information available

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

### Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
ISOPROPYL ALCOHOL	67-63-0	OSHA - PEL: TWA 400 ppm ACGIH - TLV: TWA 400 ppm ACGIH - TLV: STEL 500 ppm
BUTYL CELLOSOLVE	111-76-2	OSHA - PEL: TWA 50 ppm ACGIH - TLV: TWA 25 ppm

### Personal Protective Equipment

**Eye/Face Protection:** Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

**Skin Protection:** Skin protection is not required under conditions of normal use. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure.

**Respiratory Protection:** Respiratory protection is not required under conditions of normal use.

**Personal Hygiene:** Always wash hands and face with soap and water before eating, drinking, or smoking. Consumption of food and beverage should be avoided in work areas where this product is present.

### Engineering Controls / Work Practices

**Ventilation:** General room ventilation is normally sufficient.

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**Other:** No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Clear	
<b>Odor:</b> Isopropanol	<b>Vapor Pressure:</b> No data available
<b>Physical state:</b> Liquid	<b>Vapor Density (air=1):</b> > 1
<b>pH:</b> 3 - 4	<b>Percent Volatile by Volume:</b> No data available
<b>Boiling Point:</b> 179.6 F, 82 C	<b>Volatile Organic Content:</b> No data available
<b>Melting Point:</b> No data available	<b>Molecular Weight:</b> No data available
<b>Specific Gravity:</b> 0.99	<b>Average Carbon Number:</b> No data available
<b>Pour Point:</b> No data available	<b>Viscosity @ 100 F:</b> Not applicable
	<b>Viscosity @ 40 C:</b> Not applicable
<b>Solubility in Water:</b> Soluble in water	
<b>Octanol / Water Coefficient: Log K<sub>ow</sub> =</b> No data available	

## 10. STABILITY AND REACTIVITY INFORMATION

**Chemical Stability:** Stable

**Conditions to Avoid:** Keep away from heat, sparks, open flames and other ignition sources.

**Incompatible Materials to Avoid:** Strong oxidizers, strong acids. Strong bases.

**Other:** No information available

## 11. TOXICOLOGICAL INFORMATION

**Primary Eye Irritation:** No information available

**Primary Skin Irritation:** No information available

**Acute Dermal Toxicity:** No information available

**Subacute Dermal Toxicity:** No information available

**Dermal Sensitization:** No information available

**Inhalation Toxicity:** No information available

**Inhalation Sensitization:** No information available

**Oral Toxicity:** No information available

**Mutagenicity:** No information available

**Carcinogenicity:** No information available

**Reproductive and Developmental Toxicity:** No information available

**Teratogenicity:** No information available

**Immunotoxicity:** No information available

**Neurotoxicity:** No information available

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**Other:** No information available

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## 12. ECOLOGICAL INFORMATION

**Aquatic Toxicity:** No information available

**Terrestrial Toxicity:** No information available

**Chemical Fate and Transport:** No information available

**Other:** No information available

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## 13. DISPOSAL INFORMATION

**Regulatory Information:** Dispose of residual products and empty containers responsibly.

**Waste Disposal Methods:** Waste material may be landfilled or incinerated at an approved facility.

**Other:** No information available

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## 14. TRANSPORTATION INFORMATION

**U.S. Department of Transportation (DOT)**

**Highway / Rail (Bulk):** Not Regulated

**Highway / Rail (Non-Bulk):** CONSUMER COMMODITY, ORM-D

For US shipments, US DOT law requires the shipper to determine the proper shipping description of the material that is being shipped. The shipping information and description contained in this section may not be suitable for all shipments of this material, but may help the shipper determine the proper shipping description for a particular shipment.

**International Information**

**Vessel: IMDG Regulated:**   X   **IMDG Not Regulated:**   --  

**Air: ICAO Regulated:**   X   **ICAO Not Regulated:**   --  

**Other:** No information available

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## 15. Regulatory Information

**Regulatory Lists Searched:** The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See Regulatory Search Results below.

**Health & Safety:** 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

**Environmental:** 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SO2MI, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

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**International:** 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

**State Lists:** 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

**Inventories:** 80 - Canada - Domestic substances, 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA, 85 - China Inventory

**Regulatory Search Results:**

BUTYL CELLOSOLVE: 15, 16, 17, 22, 23, 33, 35, 50, 61, 63, 65, 66, 67, 69, 80, 81, 82, 83, 84, 85  
ISOPROPYL ALCOHOL: 15, 16, 17, 22, 23, 35, 42, 50, 61, 63, 65, 66, 67, 68, 69, 80, 81, 82, 83, 84, 85  
WATER: 80, 81, 83, 84, 85

**U.S. TSCA Inventory:** All components of this material are on the US TSCA Inventory.

**SARA Section 313:** Consumer products are not regulated under SARA, Title III, Section 313.

**IARC:** No information available

**SARA 311 / 312 Categories**

**Acute:**  X  **Chronic:**  --  **Fire:**  X  **Pressure:**  --  **Reactive:**  --   
**Not Regulated:**  --

**Canadian WHMIS Classification**

Class D - Poisonous and infectious material, Division 2B, Toxic Material

**European Union Classification**

**Hazard Symbols:**

No classification recommended

**Risk Phrases:**

R36: Irritating to eyes.

**Safety Phrases:**

S2: Keep out of the reach of Children.

S21: When using do not smoke.

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Other:** No information available

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## 16. OTHER INFORMATION

**Health and Environmental Label Language**

Front Label:

CAUTION: MAY CAUSE EYE IRRITATION.

Read carefully other cautions on back.

Back Label:

CAUTION: Contains surfactants. PRECAUTIONARY MEASURES: Avoid contact with eyes.

FIRST AID: In case of contact with eyes, flush thoroughly with water. If irritation persists, seek medical attention.

KEEP OUT OF REACH OF CHILDREN.

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## MSDS Revisions

**Previous Version Date:** 9/6/2002

## Previous Version Information

No information available

## Other

No information available

## Prepared By:

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