

**Material Safety Data Sheet**

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**1. MATERIAL AND COMPANY IDENTIFICATION**

**Material Name** : Rain-X Glass Cleaner Trigger  
**Uses** : Glass cleaner

**Manufacturer/Supplier** : ITW Global Brands  
6925 Portwest Dr., Suite 100  
Houston, TX. 77024-8042  
USA

**MSDS Request** : 1-855-888-1988

**Emergency Telephone Number**  
**Spill Information** : (CHEMTREC) 1-800-424-9300, Local: 1-703-527-3887  
**Health Information** : (RMPDC) 1-877-504-9352

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical Identity</b>	<b>CAS No.</b>	<b>Concentration</b>
Isopropyl Alcohol	67-63-0	1.00 - 5.00 %

A mixture of water, alcohols and additives.

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**3. HAZARDS IDENTIFICATION**

<b>Emergency Overview</b>	
<b>Appearance and Odour</b>	: Clear. Liquid. Alcohol-like.

**Health Hazards**

**Inhalation** : Under normal conditions of use, this is not expected to be a primary route of exposure.

**Skin Contact** : No specific hazards under normal use conditions.

**Eye Contact** : No specific hazards under normal use conditions.

**Ingestion** : Low toxicity if swallowed.

**Environmental Hazards** : No specific hazards under normal use conditions.

**Additional Information** : Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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**4. FIRST AID MEASURES**

**General Information** : Not expected to be a health hazard when used under normal conditions.

**Inhalation** : No treatment necessary under normal conditions of use.

**Skin Contact** : No treatment necessary under normal conditions of use.

**Eye Contact** : No treatment necessary under normal conditions of use.

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**Ingestion** : No treatment necessary under normal conditions of use.  
**Advice to Physician** : Consult a Poison Control Centre for guidance.

**5. FIRE FIGHTING MEASURES**

**Flash point** : Typical 51 °C / 124 °F (Open cup)  
**Specific Hazards** : Will not burn or support combustion.  
**Suitable Extinguishing Media** : Not applicable.  
**Unsuitable Extinguishing Media** : None.

**6. ACCIDENTAL RELEASE MEASURES**

**Protective measures** : Not applicable. No specific measures.  
**Clean Up Methods** : Not applicable.  
**Additional Advice** : Observe all relevant local and international regulations.

**7. HANDLING AND STORAGE**

**Handling** : No specific measures.  
**Storage** : No special storage requirements.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits**

Material	Source	Type	ppm	mg/m3	Notation
Isopropyl Alcohol	ACGIH	TWA	200 ppm		
Isopropyl Alcohol	ACGIH	STEL	400 ppm		
Isopropyl Alcohol	OSHA Z1	PEL	400 ppm	980 mg/m3	
Isopropyl Alcohol	OSHA Z1A	TWA	400 ppm	980 mg/m3	
Isopropyl Alcohol	OSHA Z1A	STEL	500 ppm	1,225 mg/m3	
Isopropyl Alcohol	ACGIH	TWA	200 ppm		
Isopropyl Alcohol	ACGIH	STEL	400 ppm		

**Exposure Controls** : No exposure controls are ordinarily required under normal conditions of use. It is good general industrial hygiene practice to minimize exposure to the material.  
**Personal Protective Equipment** : Not applicable.

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- Respiratory Protection** : No respiratory protection is ordinarily required under normal conditions of use.
- Hand Protection** : Not normally required.
- Eye Protection** : Safety spectacles (safety glasses).

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : Clear. Liquid.
- Odour : Alcohol-like.
- pH : 2.5 - 4
- Initial Boiling Point and Boiling Range : 82 °C / 180 °F
- Flash point : Typical 51 °C / 124 °F (Open cup)
- Specific gravity : Typical 1 at 25 °C / 77 °F
- Density : Typical 1,000 g/cm<sup>3</sup> at 25 °C / 77 °F
- Water solubility : Soluble.

**10. STABILITY AND REACTIVITY**

- Stability** : Stable under normal conditions of use.
- Conditions to Avoid** : Not applicable.
- Materials to Avoid** : Not applicable.
- Hazardous Decomposition Products** : None expected under normal use conditions.
- Hazardous Polymerisation** : No
- Sensitivity to Mechanical Impact** : No

**11. TOXICOLOGICAL INFORMATION**

- Basis for Assessment** : Information given is based on data from components.
- Acute Oral Toxicity** : Expected to be of low toxicity: LD50 > 5000 mg/kg , Rat (Surfactant Blend)
- Acute Dermal Toxicity** : Expected to be of low toxicity: LD50 >2000 mg/kg , Rabbit
- Acute Inhalation Toxicity** : Expected to be of low toxicity: LC50 >20 mg/l Rat
- Skin Irritation** : Expected to be non-irritating to skin.
- Eye Irritation** : Expected to be non-irritating to eyes.
- Respiratory Irritation** : Not expected to be a respiratory irritant.
- Sensitisation** : Not a skin sensitiser.
- Mutagenicity** : No evidence of mutagenic activity.
- Carcinogenicity** : Not a carcinogen.

Material	Carcinogenicity Classification
Isopropyl Alcohol	ACGIH Group A4: Not classifiable as a human carcinogen.
Isopropyl Alcohol	IARC 3: Classification not possible from current data.
2-butoxy ethanol	ACGIH Group A3: Confirmed animal carcinogen with unknown relevance to humans.
2-butoxy ethanol	IARC 3: Classification not possible from current data.

Isopropyl Alcohol	ACGIH Group A4: Not classifiable as a human carcinogen.
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Isopropyl Alcohol	:	IARC 3: Classification not possible from current data.
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**Reproductive and Developmental Toxicity** : Not a developmental toxicant.

**12. ECOLOGICAL INFORMATION**

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

**Acute Toxicity** : Data not available

**Mobility** : Disperses in water.

**Persistence/degradability** : Data not available

**Bioaccumulation** : Data not available

**Other Adverse Effects** : Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

**13. DISPOSAL CONSIDERATIONS**

**Material Disposal** : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.

**Container Disposal** : Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.

**Local Legislation** : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

**14. TRANSPORT INFORMATION****US Department of Transportation Classification (49CFR)**

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

**IMDG**

This material is not classified as dangerous under IMDG regulations.

**IATA (Country variations may apply)**

This material is not classified as dangerous under IATA regulations.

**15. REGULATORY INFORMATION**

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

**Federal Regulatory Status**

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## Notification Status

EINECS	All components listed or polymer exempt.
TSCA	All components listed.
DSL	All components listed.

## Comprehensive Environmental Release, Compensation & Liability Act (CERCLA)

Rain-X Glass Cleaner Trigger ( )	Reportable quantity: 40 lbs
Isopropyl Alcohol (67-63-0)	Reportable quantity: 100 lbs

## SARA Hazard Categories (311/312)

Immediate (Acute) Health Hazard. Fire Hazard.

## SARA Toxic Release Inventory (TRI) (313)

Isopropyl Alcohol (67-63-0)	2.00%
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## State Regulatory Status

### California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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### New Jersey Right-To-Know Chemical List

Isopropyl Alcohol (67-63-0)	Listed.
	Listed.

### Pennsylvania Right-To-Know Chemical List

Isopropyl Alcohol (67-63-0)	Environmental hazard.
	Listed.

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## 16. OTHER INFORMATION

NFPA Rating (Health, : 1, 1, 0

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**Fire, Reactivity)**

**MSDS Version Number** : 1.0

**MSDS Effective Date** : 09/24/2008

**MSDS Revisions** : A vertical bar (|) in the left margin indicates an amendment from the previous version.

**MSDS Regulation** : The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**MSDS Distribution** : The information in this document should be made available to all who may handle the product.

**Disclaimer** : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.