

Material Safety Data Sheet

1. MATERIAL AND COMPANY IDENTIFICATION

Material Name : Rain-X 2 in 1 Foaming Glass Cleaner + Repellent
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

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS No.	Concentration
Isopropyl Alcohol	67-63-0	1.00 - 5.00 %
Isobutane	75-28-5	1.00 - 5.00 %

Aerosol spray consisting of solvent, additives, and hydrocarbon propellant.

3. HAZARDS IDENTIFICATION

Emergency Overview	
Appearance and Odour	: White. Aerosol. Characteristic.
Health Hazards	: Vapours may cause drowsiness and dizziness. Irritating to eyes.
Safety Hazards	: Contents under pressure and can explode when exposed to heat or open flame.
Environmental Hazards	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Health Hazards
Inhalation : Vapours may cause drowsiness and dizziness.
Eye Contact : Irritating to eyes.
Other Information : Central nervous system (CNS).
 Visual system.
 Limited evidence of carcinogenic effect.

Signs and Symptoms : Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision.

Aggravated Medical Condition : Eyes. Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material:

Environmental Hazards : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Material Safety Data Sheet

Additional Information : Under normal conditions of use or in a foreseeable emergency, this product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

4. FIRST AID MEASURES

General Information : Keep victim calm. Obtain medical treatment immediately.
Inhalation : No treatment necessary under normal conditions of use.
Skin Contact : Wash skin with water using soap if available.
Eye Contact : If persistent irritation occurs, obtain medical attention. Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.
Ingestion : In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.
Advice to Physician : Consult a Poison Control Centre for guidance. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash point : Data not available
Specific Hazards : Contents are under pressure and can explode when exposed to heat or flames.
Suitable Extinguishing Media : Aerosol containers may be cooled by a water fog.

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 : Do not puncture or incinerate. Contents under pressure and can explode when exposed to heat or open flame.
Storage : Must be stored in a well-ventilated area, away from sunlight, ignition sources and other sources of heat.

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		

Material Safety Data Sheet

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		

Additional Information : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

Exposure Controls : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

Personal Protective Equipment : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

Respiratory Protection : No respiratory protection is ordinarily required under normal conditions of use.

Hand Protection : Not normally required.

Eye Protection : Chemical splash goggles (chemical monogoggles).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : White. Aerosol.
 Odour : Characteristic.
 pH : 7.0
 Flash point : Data not available
 Density : 0.986 g/cm³ (ASTM D-4052)

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:
Acute Dermal Toxicity : Expected to be of low toxicity: Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.
Acute Inhalation Toxicity : Expected to be of low toxicity: High concentrations may cause central nervous system depression resulting in headaches,

Material Safety Data Sheet

	dizziness and nausea; continued inhalation may result in unconsciousness and/or death.
Eye Irritation	: Irritating to eyes.
Respiratory Irritation	: Not expected to be a respiratory irritant.
Sensitisation	: Not a skin sensitiser.
Mutagenicity	: Not considered a mutagenic hazard.
Carcinogenicity	: Limited evidence of carcinogenic effect.

Material	Carcinogenicity Classification
Isopropyl Alcohol	: ACGIH Group A4: Not classifiable as a human carcinogen.
Isopropyl Alcohol	: IARC 3: Classification not possible from current data.

Reproductive and Developmental Toxicity	: Not expected to be a developmental toxicant.
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12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product.

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	: Do not dispose into the environment, in drains or in water courses.
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)**

Class / Division Consumer Commodity, ORM-D

Additional Information US Department of Transportation Classification (49CFR):
Proper Shipping Name - Consumer Commodity, Class/Division - ORM-D.

IMDG

Identification number UN 1950
Proper shipping name AEROSOLS
Class / Division 2.1
Marine pollutant: No

Material Safety Data Sheet

IATA (Country variations may apply)

Identification number	UN 1950
Proper shipping name	Aerosols, flammable
Class / Division	2.1

15. REGULATORY INFORMATION

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

Federal Regulatory Status

Notification Status

EINECS	All components listed.
TSCA	All components listed.
DSL	All components listed.

Comprehensive Environmental Release, Compensation & Liability Act (CERCLA)

Rain-X 2 in 1 Foaming Glass Cleaner + Repellent ()	Reportable quantity: 5208 lbs
Isopropyl Alcohol (67-63-0)	Reportable quantity: 100 lbs

SARA Toxic Release Inventory (TRI) (313)

Isopropyl Alcohol (67-63-0)	1.92%
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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.

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.
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Material Safety Data Sheet

Listed.

16. OTHER INFORMATION

- MSDS Version Number** : 2.0
- MSDS Effective Date** : 02/18/2009
- 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.