

SAFETY DATA SHEET

Manufactured and Distributed by:

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Revision Date 12-Feb-2025 Version 2

1. Identification

Product identifier

Product Name Rain-X Original Glass Treatment

Other means of identification

Product Code 11890

Document SKU: 800002242, 800002243, 800002245, 800002250, 630045, 630045W

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Exterior Glass Surfaces

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Address Manufacturer Address

ITW Global Brands 16200 Park Row, Suite 120

Houston, TX 77084

Distributor May Also Be Distributed by:

ITW Permatex Canada 101-2360 Bristol Circle

Oakville, ON Canada L6H 6M5 Telephone: (800) 924-6994

E-mail address SDS@itwgb.com

Emergency telephone number

Company Phone Number 1-855-888-1988

24-hour emergency phone number (CHEMTREC) 1-800-424-9300 or 1-703-527-3887 (U.S.) (RMPDC) 1-877-504-9352 (U.S.)

2. Hazard(s) identification

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 3

Label elements



Danger

Hazard statements

Highly flammable liquid and vapor. Causes serious eye irritation.

May cause cancer.

May cause drowsiness or dizziness.

Precautionary Statements - Prevention

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Wash face, hands and any exposed skin thoroughly after handling.

Avoid breathing dust, fume, gas, mist, vapors and spray.

Use only outdoors or in a well-ventilated area.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.

Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water and then shower.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction.

Precautionary Statements - Storage

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statements - Disposal

Dispose of contents and container to an approved waste disposal plant.

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

77.025 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

97.25 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

93.525 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

9.975 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Other Information

Causes mild skin irritation. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Revision	Date	12-Feb-2025

Chemical name	CAS No.	Weight-%	Information Review	Date HMIRA filed and date exemption granted (if applicable)
Ethanol	64-17-5	60-80%	-	-
Acetone	67-64-1	10-30%	-	-
Isopropanol	67-63-0	1-5%	-	-

4. First-aid measures

Description of first aid measures

General advice IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the

doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and

persists.

Skin contact Wash skin with soap and water.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Call a physician.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor

concentrations may cause symptoms like headache, dizziness, tiredness, nausea and

vomiting. Prolonged contact may cause redness and irritation.

Effects of Exposure May cause cancer.

Indication of any immediate medical attention and special treatment needed

Note to physiciansTreat symptomatically.

5. Fire-fighting measures

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing mediaDo not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

No information available.

Explosion data

Sensitivity to mechanical impact None. Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Use personal protective equipment as required. Evacuate

personnel to safe areas. Avoid contact with skin, eyes or clothing.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid breathing vapors or mists. In case of insufficient ventilation, wear suitable

respiratory equipment.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Ethanol	STEL: 1000 ppm	TWA: 1000 ppm	IDLH: 3300 ppm
64-17-5		TWA: 1900 mg/m ³	TWA: 1000 ppm
		(vacated) TWA: 1000 ppm	TWA: 1900 mg/m ³
		(vacated) TWA: 1900 mg/m ³	
Acetone	TWA: 250 ppm	TWA: 1000 ppm	IDLH: 2500 ppm
67-64-1	STEL: 500 ppm	TWA: 2400 mg/m ³	TWA: 250 ppm
		(vacated) TWA: 750 ppm	TWA: 590 mg/m ³
		(vacated) TWA: 1800 mg/m ³	
		(vacated) STEL: 2400 mg/m ³	
		The acetone STEL does not	
		apply to the cellulose acetate	
		fiber industry. It is in effect for	
		all other sectors.	
		(vacated) STEL: 1000 ppm	
Isopropanol	TWA: 200 ppm	TWA: 400 ppm	IDLH: 2000 ppm
67-63-0	STEL: 400 ppm	TWA: 980 mg/m ³	TWA: 400 ppm

(vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³	TWA: 980 mg/m ³ STEL: 500 ppm
(vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m³	STEL: 1225 mg/m ³

Chemical name	Alberta	British Columbia	Ontario	Quebec
Ethanol	TWA: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm
64-17-5	TWA: 1880 mg/m ³			
Acetone 67-64-1	TWA: 500 ppm TWA: 1200 mg/m³ STEL: 750 ppm STEL: 1800 mg/m³	TWA: 250 ppm STEL: 500 ppm	TWA: 250 ppm STEL: 500 ppm	TWA: 500 ppm TWA: 1190 mg/m ³ STEL: 1000 ppm STEL: 2380 mg/m ³
Isopropanol 67-63-0	TWA: 200 ppm TWA: 492 mg/m³ STEL: 400 ppm STEL: 984 mg/m³	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm STEL: 400 ppm

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
Ethanol	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm
Acetone	TWA: 250 ppm	TWA: 250 ppm	TWA: 250 ppm	TWA: 250 ppm
	STEL: 500 ppm	STEL: 500 ppm	STEL: 500 ppm	STEL: 500 ppm
Isopropanol	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm
	STEL: 400 ppm	STEL: 400 ppm	STEL: 400 ppm	STEL: 400 ppm

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Ethanol	TWA: 1000 ppm STEL: 1250 ppm	STEL: 1000 ppm	TWA: 1000 ppm STEL: 1250 ppm	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 1000 ppm STEL: 1900 mg/m³
Acetone	TWA: 500 ppm STEL: 750 ppm	TWA: 250 ppm STEL: 500 ppm	TWA: 500 ppm STEL: 750 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³ STEL: 1250 ppm STEL: 3000 mg/m ³
Isopropanol	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 980 mg/m³ STEL: 500 ppm STEL: 1225 mg/m³ Sk*

Biological occupational exposure limits

Chemical name	ACGIH
Acetone	25 mg/L - urine (Acetone) - end of shift
67-64-1	
Isopropanol	40 mg/L - urine (Acetone) - end of shift at end of workweek
67-63-0	

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eve/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protectionWear suitable protective clothing.

Respiratory protection Appropriate respiratory protection should be selected and used according to the chemical

nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be

required.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and

immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear

suitable gloves and eye/face protection.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid

Appearance Clear Colorless
Color Colorless
Odor Alcohol

Odor threshold No information available

Property Values Remarks • Method

pH <2.0

Melting point / freezing point
Boiling point / boiling range
Flash point
Evaporation rate
Flammability (solid, gas)

No data available
No information available
-18.8 °C / -2 °F
Not applicable
No data available

Flammability Limit in Air

Upper flammability limit:
Lower flammability limit:
No data available
No data available
No Data Available
Vapor density
No data available

Relative density 0.8076

Water solubility
Soluble in water
No Data Available
Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
No data available

Other information

Explosive properties

Oxidizing properties

No information available
VOC content
No information available
No information available
Oensity

6.7150 - 6.788 lbs/qal @ 700°F

Bulk density No information available

10. Stability and reactivity

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoidNone known based on information supplied.

Incompatible materialsNone known based on information supplied.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract. May cause drowsiness or dizziness.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation.

(based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. Prolonged contact may

cause redness and irritation. Causes mild skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may

cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged

contact may cause redness and irritation.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

 ATEmix (oral)
 7,183.40 mg/kg

 ATEmix (dermal)
 11,670.30 mg/kg

 ATEmix (inhalation-gas)
 99,999.00 ppm

 ATEmix (inhalation-vapor)
 52.30 mg/l

 ATEmix (inhalation-dust/mist)
 129.90 mg/l

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

77.025 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

97.25 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

93.525 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

9.975 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	= 7060 mg/kg (Rat)	-	= 116.9 mg/L (Rat) 4 h
64-17-5			= 133.8 mg/L (Rat) 4 h
Acetone	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	$= 50100 \text{ mg/m}^3 \text{ (Rat) 8 h}$

67-64-1			
Isopropanol 67-63-0	4710 - 5840 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	> 10000 ppm (Rat) 6 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes mild skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for

ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethanol 64-17-5	А3	Group 1	Known	Х
Isopropanol 67-63-0	-	Group 3	-	Х

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

Occupational Safety and Health Administration of the US Department of Labor

X - Present

Reproductive toxicity No information available.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposureNo information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Ethanol	-	LC50: 12.0 - 16.0mL/L	-	LC50: 9268 -
64-17-5		(96h, Oncorhynchus		14221mg/L (48h,

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		mykiss)		Daphnia magna)
		LC50: >100mg/L (96h,		EC50: =2mg/L (48h,
		Pimephales promelas)		Daphnia magna)
		LC50: 13400 -		
		15100mg/L (96h,		
		Pimephales promelas)		
Acetone	-	LC50: 4.74 - 6.33mL/L	-	EC50: 10294 -
67-64-1		(96h, Oncorhynchus		17704mg/L (48h,
		mykiss)		Daphnia magna)
		LC50: 6210 - 8120mg/L		EC50: 12600 -
		(96h, Pimephales		12700mg/L (48h,
		promelas)		Daphnia magna)
		LC50: =8300mg/L (96h,		
		Lepomis macrochirus)		
Isopropanol	EC50: >1000mg/L (96h,	LC50: =9640mg/L (96h,	-	EC50: =13299mg/L
67-63-0	Desmodesmus	Pimephales promelas)		(48h, Daphnia magna)
	subspicatus)	LC50: =11130mg/L		
	EC50: >1000mg/L (72h,	(96h, Pimephales		
	Desmodesmus	promelas)		
	subspicatus)	LC50: >1400000µg/L		
	. ,	(96h, Lepomis		
		macrochirus)		

Persistence and degradability

No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Ethanol	-0.35
64-17-5	
Acetone	-0.24
67-64-1	
Isopropanol	0.05
67-63-0	

Mobility Disperses in water.

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging Do not reuse empty containers.

US EPA Waste Number D001, D002.

California waste information This product contains one or more substances that are listed with the State of California as

a hazardous waste.

14. Transport information

DOT

UN number or ID number UN1987

Proper shipping name ALCOHOLS, N.O.S., (EHTYL ALCOHOL, ISOPROPYL ALCOHOL)

Transport hazard class(es) 3 Packing group Ш

IATA

UN number or ID number UN1987

UN proper shipping name ALCOHOLS, N.O.S., (EHTYL ALCOHOL, ISOPROPYL ALCOHOL)

Transport hazard class(es) Packing group Ш

IMDG

UN1987 **UN** number or ID number

ALCOHOLS, N.O.S., (EHTYL ALCOHOL, ISOPROPYL ALCOHOL) **UN proper shipping name**

Transport hazard class(es) **Packing group** Ш

EmS-No. F-E, S-D

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Complies **DSL/NDSL** Complies **EINECS/ELINCS** Complies **ENCS** Does not comply Complies **IECSC KECI** Complies **PICCS** Complies Complies **AICS**

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical

or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
Isopropanol - 67-63-0	1.0

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

SARA 311/312 Hazard Categories

Acute health hazard No
Chronic Health Hazard No
Fire hazard Yes
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Acetone 67-64-1	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:.

Γ	Chemical name	California Proposition 65
Ī	Ethanol - 64-17-5	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethanol 64-17-5	X	Х	Х
Acetone 67-64-1	Х	Х	Х
Isopropanol 67-63-0	Х	Х	Х
Deionized Water 7732-18-5	-	-	Х
WATER 7732-18-5	-	-	Х
Sulfuric acid 7664-93-9	Х	Х	Х

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

WHMIS Hazard Class

D2A - Very toxic materials, B2 - Flammable liquid, D2B - Toxic materials

16. Other information

NFPA Health hazards 2 Flammability 4 Instability 0 Special hazards - Health hazards 2 Flammability 0 Physical hazards 0 Personal protection X

Chronic Hazard Star Legend *= Chronic Health Hazard

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Revision Note 4

Disclaimer

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