



# SAFETY DATA SHEET

Revision Date 09-Apr-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Rain-X 2-N-1 Glass Cleaner + Rain Repellent

### Other means of identification

**Product Code** 626220  
**Document** SKU: 63006, 5071268  
**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Glass cleaner Consumer Use  
**Uses advised against** All other applications

### Details of the supplier of the safety data sheet

<u>Supplier Address</u>	<u>Manufacturer Address</u>	<u>Distributor</u>
ITW Global Brands 6925 Portwest Dr., Suite 100 Houston, TX 77024		

**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.)

**E-mail address** SDS@itwgb.com

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Label elements

#### **Emergency Overview**

Flammable Liquid		
The product contains no substances which at their given concentration, are considered to be hazardous to health		
<b>Appearance</b> Clear liquid	<b>Physical state</b> Liquid	<b>Odor</b> Slight Fruity

#### **Precautionary Statements - Prevention**

Use only outdoors or in a well-ventilated area  
Avoid breathing mists or vapors  
Avoid contact with eyes and respiratory system  
May cause eye, skin or respiratory irritation

#### **Precautionary Statements - Response**

Get medical advice/attention if you feel unwell  
IF IN EYES: Rinse thoroughly with water for several minutes. If eye irritation persists, get medical attention  
IF INHALED: Remove victim to fresh air and keep at rest  
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting



**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

May be harmful if inhaled or swallowed.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

substance(s)

Chemical Name	CAS No	Weight-%	Trade Secret
WATER	7732-18-5	60 - 100	*
ACETONE	67-64-1	3 - 7	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

Description of first aid measures

- General advice**                      Get medical advice/attention if you feel unwell.
- Eye contact**                        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/attention.
- Skin contact**                        IF ON SKIN: Wash skin with soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before reuse.
- Inhalation**                            IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
- Ingestion**                            IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.
- Self-protection of the first aider**    Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

**Symptoms**                              See section 2 for more information.

Indication of any immediate medical attention and special treatment needed

**Note to physicians**                      Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media

Dry chemical, CO2, water spray or regular foam

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

Flammable.

Explosion data

**Sensitivity to Mechanical Impact**    None.  
**Sensitivity to Static Discharge**        May be ignited by heat, sparks or flames.



**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**                      Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions**              Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

**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**                  Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

**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 breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**                        Keep out of the reach of children. Keep in a dry, cool and well-ventilated place.

**Incompatible materials**                  Strong oxidizing agents

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ACETONE 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> (vacated) STEL: 2400 mg/m <sup>3</sup> The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information**                          Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**



**Engineering Controls**  
 Showers  
 Eyewash stations  
 Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**      Wear safety glasses with side shields (or goggles).  
**Skin and body protection**      Wear protective gloves and protective clothing.  
**Respiratory protection**      Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

**General Hygiene Considerations**      Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state**      Liquid  
**Appearance**      Clear liquid  
**Odor**      Slight Fruity  
**Odor threshold**      No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	5-7	
Melting point / freezing point	No information available	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	27 °C / 80 °F	CC (closed cup)
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	Not Determined	
Vapor density	No information available	
Relative density	0.99 g/cm <sup>3</sup>	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

**Other Information**

**Softening point**      No information available  
**Molecular weight**      No information available  
**VOC Content (%)**      <1  
**Density**      8.26 lbs/gal  
**Bulk density**      No information available

**10. STABILITY AND REACTIVITY**

**Reactivity**  
 Stable under normal use      No data available



**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks. Keep from freezing.

**Incompatible materials**

Strong oxidizing agents

**Hazardous Decomposition Products**

Carbon oxides

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Inhalation</b>	May be harmful if inhaled. May cause irritation of respiratory tract.
<b>Eye contact</b>	Contact with eyes may cause irritation. May cause redness and tearing of the eyes.
<b>Skin contact</b>	May cause skin irritation and/or dermatitis.
<b>Ingestion</b>	May be harmful if swallowed. Ingestion may cause irritation to mucous membranes.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
WATER 7732-18-5	> 90 mL/kg ( Rat )	-	-
ACETONE 67-64-1	= 5800 mg/kg ( Rat )	-	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h

**Information on toxicological effects**

**Symptoms** No information available.

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

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.  
**Target Organ Effects** Central nervous system, Eyes, Respiratory system, Skin.

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

ATEmix (oral) 116000 mg/kg  
 ATEmix (inhalation-dust/mist) 2004 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

1% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
ACETONE 67-64-1	-	4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.



**Bioaccumulation**

No information available.

**Mobility**

Disperses in water.

Chemical Name	Partition coefficient
ACETONE 67-64-1	-0.24

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**US EPA Waste Number** U002

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
ACETONE 67-64-1	-	Included in waste stream: F039	-	U002

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

Chemical Name	California Hazardous Waste Status
ACETONE 67-64-1	Ignitable

**14. TRANSPORT INFORMATION**

**DOT**

UN/ID no UN 1993  
 Proper shipping name: Flammable liquids, n.o.s, Limited Quantity (LQ)  
 Hazard Class 3  
 Packing Group III

**IATA**

UN/ID no UN 1993  
 Proper shipping name: Flammable liquid, n.o.s, Limited Quantity (LQ)  
 Hazard Class 3  
 Packing Group III

**IMDG**

UN/ID no UN 1993  
 Proper shipping name: Flammable liquids, n.o.s, Limited Quantity (LQ)  
 Packing Group III

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL/NDL Complies  
 EINECS/ELINCS Complies  
 ENCS Not determined



IECSC	Not determined
KECL	Not determined
PICCS	Not determined
AICS	Not determined

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDL - 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 and Evaluated Chemical Substances  
 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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

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

**CWA (Clean Water Act)**

This product does not contain any substances regulated as 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	CERCLA/SARA RQ	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 does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
WATER 7732-18-5	-	-	X
ACETONE 67-64-1	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

<b>NFPA</b>	Health hazards 1	Flammability 3	Instability 0	-
<b>HMIS</b>	Health hazards 1	Flammability 3	Physical hazards 3	Personal protection B

NFPA (National Fire Protection Association)  
 HMIS (Hazardous Material Information System)

Revision Date 09-Apr-2015  
 Revision Note

2



**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

