# 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**

**Supplier Address** **Manufacturer Address** **Distributor**

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.)<br>(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

**Appearance** Clear liquid **Physical state** Liquid **Odor** 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 NO 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<br>67-64-1 | STEL: 750 ppm<br>TWA: 500 ppm | TWA: 1000 ppm<br>TWA: 2400 mg/m³<br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m³<br>(vacated) STEL: 2400 mg/m³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors<br>(vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m³ |

*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<br>Eyewash stations<br>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 |

| Property | Values | Remarks • Method |
|---|---|---|
| **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/cm3 | |
| **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**

**Inhalation** May be harmful if inhaled. May cause irritation of respiratory tract.

**Eye contact** Contact with eyes may cause irritation. May cause redness and tearing of the eyes.

**Skin contact** May cause skin irritation and/or dermatitis.

**Ingestion** 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/m³ ( 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 components(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<br>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<br>67-64-1 | - | Included in waste stream:<br>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<br>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/NDSL** 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/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 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<br>67-64-1 | 5000 lb | - | RQ 5000 lb final RQ<br>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<br>7732-18-5 | - | - | X |
| ACETONE<br>67-64-1 | X | X | X |

**U.S. EPA Label Information**
**EPA Pesticide Registration Number** Not applicable

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health hazards** 1 | **Flammability** 3 | **Instability** 0 | - |
| **HMIS** | **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**