



SEDE CENTRAL DE ITW GLOBAL BRANDS

CAR CARE (OFICINA DE HOUSTON)

16200 Park Row Dr, suite 120 Houston, TX 77084

## Ficha Técnica

# KIT DE RESTAURACIÓN DE FAROS RAIN-X®

### DESCRIPCIÓN DEL PRODUCTO

Con el tiempo, las lentes de los faros se oxidan, volviéndolas turbias y amarillas. Esto hace que los faros brillen menos, lo que es peligroso para el conductor y otras personas en la carretera.

El kit de restauración de faros delanteros Rain-X® proporciona una profunda limpieza los faros delanteros amarillentos y empañados con el uso de un abrillantador y sellador especialmente diseñado.

### CARACTERÍSTICAS Y BENEFICIOS

- Ayuda a restaurar el plástico transparente eliminando la turbidez y la decoloración.
- Mejora la visibilidad con lentes de faros más claros.
- El Kit de varios pasos proporciona un proceso de limpieza más profundo que los productos de un solo paso.
- Ahorra dinero: no reemplaces los faros cuando puedas restaurarlos.

### DIRECCIONES

Primero, se utilizan tres grados de papel de lija en secuencia con un lubricante en aerosol para eliminar la neblina amarilla.

En segundo lugar, se utiliza un pulido fino Rain-X® para eliminar rayones e imperfecciones menores.

En tercer lugar, se aplica un sellador como paso final para dejarle la máxima visibilidad.



Size	US Item #
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1Kit	800001809
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# SAFETY DATA SHEET

Revision Date 29-Mar-2021

Version 2

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Rain-X Lubricant

**Other means of identification**

**Product Code** 11176

**Document** SKU 800001809

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

**Recommended Use** Lubricant

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address**

ITW Global Brands  
16200 Park Row, Suite 120  
Houston, TX 77084

**Manufacturer Address**

**May Also Be Distributed by:**  
ITW Permatex Canada  
101-2360 Bristol Circle  
Oakville, ON Canada L6H 6M5  
Telephone: (800) 924-6994

**Distributor**

**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 considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity	Category 1B
Flammable liquid and vapor	Category 3

**Label elements**

**Emergency Overview**

**Signal word**

**Danger**

May cause cancer  
Combustible liquid

**Appearance** Clear Colorless**Physical state** Liquid**Odor** Alcohol**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Avoid contact with eyes and respiratory system

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed  
 Keep out of reach of children

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Causes mild skin irritation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
WATER	7732-18-5	60 - 100
ISOPROPYL ALCOHOL	67-63-0	1 - 5
2-BUTOXYETHANOL	111-76-2	1 - 5

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General advice</b>	Get medical advice/attention if you feel unwell.
<b>Eye contact</b>	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.
<b>Skin contact</b>	IF ON SKIN: Wash skin with soap and water. If skin irritation persists, call a physician. Take off contaminated clothing and wash before reuse.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

<b>Ingestion</b>	IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**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, CO<sub>2</sub>, sand, earth, water spray or regular foam

**Unsuitable extinguishing media**

None

**Specific hazards arising from the chemical**

Will not burn or support combustion.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**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** 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. Use personal protective equipment as required.

**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** Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

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

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children.

**Incompatible materials** None known

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ISOPROPYL ALCOHOL 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
2-BUTOXYETHANOL 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems

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

**Eye/face protection** Wear safety glasses or goggles if splashing is likely to occur.

**Skin and body protection** Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.

**Respiratory protection** None under normal use conditions. Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.

**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**

**9.1. Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** Clear Colorless  
**Odor** Alcohol  
**Odor threshold** No information available

Property	Values	Remarks • Method
pH	3.0 - 4.0	
Melting point / freezing point	No information available	
Boiling point / boiling range	>82 °C / 181 °F	
Flash point	60 °C	
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	No information available	
Vapor density	No information available	

<b>Relative density</b>	1.0 @ 25 °C
<b>Water solubility</b>	Soluble in water
<b>Solubility(ies)</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Hyphen</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

**Other Information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	No information available
<b>SADT (self-accelerating decomposition temperature)</b>	No information available

## 10. STABILITY AND REACTIVITY

**Reactivity**

Stable under normal use

**Chemical stability**

Stable under normal conditions

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Keep from freezing.

**Incompatible materials**

None known

**Hazardous Decomposition Products**

Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

<b>Inhalation</b>	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>	Ingestion may cause irritation to mucous membranes.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
WATER 7732-18-5	> 90 mL/kg ( Rat )	-	-
ISOPROPYL ALCOHOL 67-63-0	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	= 72600 mg/m <sup>3</sup> ( Rat ) 4 h
2-BUTOXYETHANOL 111-76-2	= 470 mg/kg ( Rat )	= 435 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h = 486 ppm ( Rat ) 4 h

**Symptoms related to the physical, chemical and toxicological characteristics**

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

Chemical name	ACGIH	IARC	NTP	OSHA
ISOPROPYL ALCOHOL 67-63-0	-	Group 3	-	X
2-BUTOXYETHANOL 111-76-2	A3	Group 3	-	-

ACGIH (American Conference of Governmental Industrial Hygienists)  
 A3 - *Animal Carcinogen*  
 IARC (International Agency for Research on Cancer)  
 Group 1 - *Carcinogenic to Humans*  
*Not classifiable as a human carcinogen*  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 X - *Present*

**Chronic toxicity** May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.  
**Target organ effects** Blood, Central nervous system, Eyes, hematopoietic system, Kidney, Liver, Respiratory system, Skin.

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

**ATEmix (oral)** 19562 mg/kg  
**ATEmix (dermal)** 45045 mg/kg  
**ATEmix (inhalation-dust/mist)** 77.3 mg/l  
**ATEmix (inhalation-vapor)** 23684 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Persistence and degradability**  
 No information available.

**Bioaccumulation**  
 No information available.

**Mobility**  
 Soluble in water.

Chemical name	Partition coefficient
ISOPROPYL ALCOHOL 67-63-0	0.05
2-BUTOXYETHANOL 111-76-2	0.81

**Other adverse effects**  
 No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Recover or recycle if possible. Disposal should be in accordance with applicable regional, national and local laws and regulations.  
**Contaminated packaging** Do not reuse container.  
**US EPA Waste Number** Not applicable

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
ISOPROPYL ALCOHOL 67-63-0	Toxic Ignitable

**14. TRANSPORT INFORMATION**

**DOT**

UN/ID No UN 1987  
 Proper shipping name Alcohols, N.O.S, Isopropyl Alcohol Mixture  
 Transport hazard class(es) 3  
 Packing Group III

**IATA**

UN number or ID number UN 1987  
 Proper shipping name Alcohols, N.O.S, Isopropyl Alcohol Mixture  
 Transport hazard class(es) 3  
 Packing group III

**IMDG**

UN number or ID number UN 1987  
 Proper shipping name Alcohols, N.O.S, Isopropyl Alcohol Mixture  
 Transport hazard class(es) 3  
 Packing Group III

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL/NDSL Complies  
 EINECS/ELINCS Complies  
 ENCS Complies  
 IECSC Complies  
 KECL Complies  
 PICCS Complies  
 AICS Complies

**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 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 %
ISOPROPYL ALCOHOL - 67-63-0	1.0
2-BUTOXYETHANOL - 111-76-2	1.0

**SARA 311/312 Hazard Categories**

Acute health hazard No



<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**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
ISOPROPYL ALCOHOL 67-63-0	X	X	X
2-BUTOXYETHANOL 111-76-2	X	X	X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**WHMIS Hazard Class**

D2A - Very toxic materials

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

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

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

**Revision Date** 29-Mar-2021

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**End of Safety Data Sheet**