

# Glass Cleaner- Water Repellent

## 1. Identification of the product:

Product Name: Glass Cleaner-Water Repellent

Company: **Rafooneh**

Address:

Telephone:

Fax:

E-mail

Web-site:

## 2. Composition of ingredients:

Ingredients	CAS No.	wt %
2-Propanol	67-63-0	1-7%
Ethanol	2348-46-1	1-10%
Polymer	Propriety	1-5%
Ammonia	8013-59-0	0.1-1%
Water	7732-18-5	up to 100%

## 3. Hazards Identification:

This product is not dangerous in normal usage condition.

**Ingestion:** May cause irritation of mucosal linings of the mouth, throat, esophagus or stomach.

**Inhalation:** N/A

**Eye Contact:** Eye irritant. May cause irritation.

**Skin Contact:** Skin irritant. May cause irritation with possible redness. Severity of action is highly dependent on contact time.

#### **4. First-Aid Measures:**

**Eye Contact:** Flush immediately with water for 15 minutes and remove contact lenses, if applicable. If symptoms persist, seek medical attention.

**Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Then give 1-2 glasses of water or milk and call a physician or poison control center immediately. If vomiting occurs, keep head below hips to reduce risk of aspiration. Give water again. NEVER given anything by mouth to a person who is unconscious or convulsing. If symptoms persist, seek immediate medical attention.

**Skin Contact:** Remove contaminated clothing and shoes immediately. Wash with soap and plenty of water for 15 minutes. Wash contaminated clothing before reuse. If symptoms persist, seek medical attention.

#### **5. Fire Fighting Measures:**

Flash Point: >100°C

Glass Cleaner is a combustible liquid. Any fire extinguishing medium is acceptable for fires involving this product. Fire fighters should wear self contained breathing apparatus with full face masks.

**Extinguishing Media:** Use water, dry chemical, CO<sub>2</sub> or foam extinguishing agents unless contraindicated by surrounding environment.

#### **6. Accidental Release Measures:**

**Personal Precautions:** Wear suitable personal protective equipment/clothing to avoid skin and/or eye contact.

**Environmental Precautions:** Disposal is to be performed in compliance with local regulations. Contain spill with inert material (sand, clay). Transfer liquid and solids to separate containers for recovery or proper disposal. Keep spill out of storm sewers and open bodies of water. After removal, flush area with water.

Rinse affected area thoroughly with water.

## **7. Handling and Storage:**

Glass Cleaner can irritate eyes and skin and handling procedures should avoid direct skin or eye contact. The product should be stored in the original containers in a cool and dry location. Keep away from heat, sparks or flames. Keep from freezing.

## **8. Personal Protection:**

**Ventilation:** General ventilation.

**Eye Protection:** None required with normal use. In Industrial Media chemical goggles or face shield is recommended.

**Protective Gloves:** None required with normal use. In industrial media use water impervious gloves (i.e., latex, neoprene rubber).

**Other Protective Equipment:** None required with normal use.

## **9. Physical and Chemical Properties:**

**Appearance:** Cleaner is a transparent liquid.

**Odor:** Mild odor

**Specific Gravity:** 1.010 ± 0.010

**Vapor Pressure:** na

**Water Solubility:** 100%

**Stability:** Stable

**Boiling Point:** >100 °C (212oF)

**pH:** 9-10

## **10. Stability:**

Glass Cleaner is a non-reactive, stable water based liquid. However, as with any cleaning product, mixtures with other products should be avoided.

## **11. Toxicological Information:**

Not Available

## **12. Ecological Information:**

The ecological toxicity of this product is not known.

## **13. Disposal consideration:**

**Waste Disposal Method:** Disposal is to be performed in accordance with local regulations. Empty containers should be triple rinsed and offered for recycling or reconditioning, or disposed of in a sanitary landfill.

## **14. Transport Information:**

DOT Classification: This product is not regulated by DOT.

Proper shipping name is "Combustible liquid"

UN No.: Not Allocated.

## **15. Regulatory Information:**

This product is not classified as dangerous.

## **16. Other information:**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.