



# **ROJAN GLASS & SURFACE CLEANER**

*Rojan Glass & Surface Cleaner* is a very powerful liquid, which acts as a cleaner and detergent. It is formulated to achieve thorough, efficient cleaning in an economical manner. It easily kills all common household bacteria while maintaining a streak-free glass surface.

## **DIRECTIONS FOR USE**

Spray on soft, clean cloth and wipe surface thoroughly, do not rinse, allow to air dry.

## **SPECIFICATIONS**

pH..... 6.0 – 7.0  
Clarity..... Transparent  
Odour..... Clean and fresh scent  
Biodegradability..... Complete  
Solubility in water..... Complete  
Storage Stability..... Excellent (at least one (1) year)

**Packaging**  
4L, 18L, 208L

# SAFETY DATA SHEET

## SECTION I – PRODUCT NAME AND MANUFACTURER

**Trade Name:** ROJAN GLASS CLEANER

**Recommended use:** Glass Cleaner

**Manufacturer Name and Address:**

Langston Roach Industries Limited  
 106 Saddle Road, San Juan, Trinidad, W.I.  
 Tel: 1-868-674-0216 Fax: 1-868-675-3654

**Distributed by:**

Rojan Marketing Limited  
 19A El Socorro Rd, Extension #1, San Juan, Trinidad, W.I.  
 Tel: 1-868-612-4756 Fax: 1-868-638-6294

## SECTION II – DESCRIPTION OF HAZARDS

**General:** Irritant, Flammable liquid  
**Inhalation:** Overexposure to vapors may be harmful  
**Skin:** Prolonged contact may cause irritation  
**Eyes:** Direct contact with product may cause irritation/pain



## SECTION III – COMPOSITION

Ingredient	CAS#	Parts (%) *
Water	7732-18-5	90-100
Isopropyl Alcohol	67-63-0	5.0– 10
Glycol Ether EB	111-76-2	1-3
†Octylphenoxyethoxyethanol	9002-93-1	0.1-0.5
Fragrance		<1

\*Exact composition withheld as a Trade Secret.

## SECTION IV – FIRST AID MEASURES

**General:** Irritant.  
**Ingestion:** Drink plenty of water. Seek medical attention.  
**Skin:** Rinse with soap and water.  
**Eyes:** Immediately flush eyes with running water for at least 15 minutes. Get medical attention.  
**Inhalation:** Remove to fresh air. Seek medical attention if symptoms persist.

## SECTION V – FIRE-FIGHTING MEASURES

**Flammability:** Combustible liquid.  
**Extinguisher:** Dry chemical, alcohol resistant foam, water spray, carbon dioxide  
**Unsuitable extinguishing media:** Solid water jet stream. (May scatter and spread fire)  
**Hazardous decomposition products:** Carbon oxides

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**Environmental Precautions:** Avoid release of large amounts of undiluted product into aquatic systems and surface soil.  
**Spill procedures:** Remove all sources of ignitions. Stop leak if it is safe to do so. For large spills, dike with suitable containment material or oil barrier. If diked material can be recovered, store in an appropriate container for disposal. Mop up spilled liquid with inert, non-flammable material and place in closed containers for disposal according to local regulations. Rinse with water.

**SECTION VII – HANDLING AND STORAGE**

**Rules defining care as to use:** Use in a well-ventilated area. Do not breathe vapours or spray. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin.

**Rules defining care as to storage:** Avoid sparks, flame and excessive heat. Keep containers tightly closed. Store in a cool, well-ventilated place. Do not store near strong oxidizing agents, organic peroxides, flammable solids, pyrophoric liquids and solids, self-heating substances and mixtures, substances which in contact with water emit flammable gases, explosives, gases.

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Preventive measures protective equipment, etc.:** Use in a well-ventilated area. Respiratory protection may be needed in poorly ventilated areas. When splashes are expected to occur wear safety glasses or goggles. Wear gloves for prolonged usage.

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Blue liquid.	<b>pH:</b>	6.0 – 7.0
<b>Solubility:</b>	Soluble in water, clear solution as low as 25°C.	<b>Odour:</b>	Clean and fresh scent

**SECTION X – STABILITY AND REACTIVITY**

Stable liquid. The product is slightly acidic to neutral, avoid strong oxidizers. Vapors may flash if ignited.

**SECTION XI – TOXICOLOGICAL INFORMATION**

**Medical personnel:** ROJAN GLASS & SURFACE CLEANER contains the ingredients listed in (Section III).

**Routes of Exposure:**

**Eyes:** Eye irritant. May cause redness, watering.  
**Skin:** Prolonged exposure may cause irritation.  
**Ingestion:** Ingestion of large quantities may result in mild purgative effects.  
**Inhalation:** Avoid breathing sprays or mists generated.

**SECTION XII– ECOLOGICAL INFORMATION**

**Biodegradability:** Readily biodegradable (based on component data)

**Aquatic toxicity (Product):** No data available

**Aquatic toxicity (Components):** *t*-Octylphenoxypolyethoxyethanol: LC50 Test 1-10mg/L (96h, Fish)  
 Isospropyl alcohol: LC50 Test: 9640 mg/L (96h, Fish)  
 Glycol ether EB: LC 50 test: 1474 mg/L (96h, Fish)

**SECTION XIII – DISPOSAL CONSIDERATION**

**Disposal Method:** Can be rinsed with effluent entering sewer system as the product is biodegradable.

**SECTION XIV – TRANSPORTATION INFORMATION**

**General:** 4 L to 208 L plastic containers.  
**Transport and danger class:** Harmless goods, not subject to restriction.

**SECTION XV – REGULATORY INFORMATION**

**Labeling of packages:** The product is labeled in accordance with TTBS Standard **TTS 76: Part 15: 2005**

**SECTION XVI – OTHER INFORMATION**

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