



# SUNRAY

## NON AMMONIATED GLASS CLEANER

LIMPIADOR DE CRISTAL

### Technical Data



#### Environment, Health & Safety

- Biodegradable
- Low Toxicity
- No Phosphates
- No Ozone Depleting Compounds
- No Known Carcinogens
- No Chlorine Bleach
- No Butoxyethanol
- No Petroleum Distillates
- Low VOC Level
- Recyclable Container
- 0% Alcohol

#### Specifications

SSS Item Numbers.....	48127
Available Sizes .....	1G
Color .....	Blue
Fragrance .....	Mild Odor
pH (concentrate) .....	11.0 – 11.5
Viscosity .....	Water thin
Foam .....	Moderate
Storage/Stability .....	1 year
Weight Per Gallon .....	8.41 lbs.
Freeze/Thaw Stability .....	Keep from freezing

#### HMIS Hazardous Materials I.D. System

Health .....	1
Flammability .....	0
Reactivity .....	0
Personal Protection .....	B

#### What the Pros Know

For best results, spray onto microfiber cloth and clean glass surface for a streak free shine.

#### Description

An ultra concentrated, alcohol-free & ammonia-free, non-streaking, non-smearing, quick drying product that cleans and shines glass, mirrors, sinks, countertops, stainless steel, and other washable surfaces. Can also be used as a light-duty cleaner on all surfaces not harmed by water.

#### Directions

Wear safety equipment recommended on MSDS, place Wet Floor Signs and read all directions and cautions prior to beginning your work.



#### FOR GLASS CLEANING:

1. Diluted 1 part of concentrate with 40 parts water.
2. Apply a fine mist with an atomizing sprayer to the surface to be cleaned.
3. Wipe off with a clean, soft, lint free cloth, or towel.

100%  
Biodegradable

Safe & Effective

Low Toxicity



Certified Degreaser  
CCD-146E



**MATERIAL SAFETY DATA SHEET**

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 12/09 Revision: N/A

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

**Product Name:** Sunray Non-Ammoniated Glass Cleaner  
**Generic Name:** Sunray Non-Ammoniated Glass Cleaner  
**Chemical Family:** Detergent Blend  
**Formula:** Proprietary  
**Triple S Product No.:** 48127

**Manufactured For:** Triple S  
**Address:** 2 Executive Park Drive Billerica, MA 01862  
**Phone #:** 800-323-2251

**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Alkyl Polyglucoside	68515-73-1	0 to 5			
Water Conditioning Agent	Proprietary	5 to 10			
Dye	N/A	< 0.1			

**SECTION 3-PHYSICAL DATA**

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

<b>Boiling Point (°F):</b> 212° F.	<b>Specific Gravity:</b> 1.015	<b>Flash Point (Method Used):</b> None
<b>Vapor Pressure:</b> 20mm Hg @68°F.	<b>Vapor Density (Air=1):</b> >1	<b>Upper Explosion Limit:</b> N/A <b>Lower Explosion Limit:</b> N/A
<b>% Volatile:</b> 80+	<b>pH:</b> 11.0 – 11.5	<b>Extinguishing Media:</b> Dry chemical, CO <sub>2</sub> or water
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> >1	<b>Special Firefighting Procedures:</b> Keep fire exposed containers cool with water stream.
<b>Physical Description:</b> Thin blue liquid with characteristic odor		<b>Unusual Fire and Explosion Hazards:</b> N/A
<b>VOC Content:</b> None		

**SECTION 5-REACTIVITY DATA**

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Not Known	<b>Incompatibility (Materials to Avoid):</b> Strong Alkalies, Chlorine

**SECTION 6-STORAGE AND HANDLING INFORMATION**

CAUTION: Mild eye irritant. May cause skin irritation with prolonged or repeated contact. Keep out of reach of children. Keep container closed during storage. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors or mists. Use in well-ventilated area.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Effects of Overexposure:**  
**Skin:** May cause irritation with prolonged or repeated contact (dryness, redness)  
**Eyes:** Mild eye irritant. May cause conjunctivitis, redness, swelling, tearing.  
**Inhalation:** Mists may be irritating to mucous membranes in the nose, throat, and lungs.  
**Ingestion:** Irritating to the mouth and throat. May cause headache, nausea, abdominal pain.

**Respiratory Protection:** No special requirements  
**Ventilation Requirements:** No special requirements  
**Protective Gloves:** Rubber gloves recommended  
**Eye Protection:** Safety glasses recommended.  
**Other Protective**

**First Aid Procedures:**

**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention immediately.  
**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Ventilate area well. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before offering for recycling.

**SECTION 10-REGULATORY INFORMATION**

<b>SARA Title III - Section 311/312 -Hazard Categories:</b>	<b>Shipping Information:</b>
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound
No - Sudden Release of Pressure Hazard	Non-Hazardous
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound
Yes - Immediate (acute) Health Hazard	Non-Hazardous
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** ER# 888-779-1339

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
None	None	None

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
None	None	None

**SECTION 11-OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product