



# MATERIAL SAFETY DATA SHEET

## Product Name: SUN-RAY (READY TO USE)

**Product #:** SUN-RAY #1S  
**Champion Chemical Co.**  
**8319 S. Greenleaf Ave.**  
**Whittier, CA 90602**  
**Tech Information:** 800-621-7868

### SECTION I – PRODUCT INFORMATION

**Type of Product:** Glass & Mirror Cleaner  
**Formula:** PROPRIETARY MIXTURE  
**Date prepared:** 1-03-07  
**Leak/spill:** 800-424-9300 (24hrs)  
**Emergency Medical:** 800-451-8346 (24 hrs)

**HAZARD RATING:** 0-Minimal 1-Slight  
2-Moderate 3-High 4-Extreme  
**HEALTH:** 0 **FIRE:** 0  
**REACTIVITY:** 0 **SPECIAL:** 0

### SECTION II – INGREDIENTS

Chemical Name	Carcinogen	WT	CAS #	TWA/mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	Ceiling mg/m <sup>3</sup>
Propylene Glycol Monoethyl Ether	No	.025-.03	107-98-2	100ppm	100ppm	100ppm
Diethylene Glycol Monoethyl ether	No	0-1	000111-90-0	NE	NE	NE

Legend: NE= Not Established NA= Not Applicable

### SECTION III – PHYSICAL DATA

**Boiling Point:** APPROX 212° F  
**Evaporation Rate:** <1  
**Solid by Weight:** 1-3%

**Vapor Density:** UNKNOWN  
**Specific Gravity (H<sub>2</sub>O=1):**.98  
**Physical State:** Liquid

**Reactivity in Water:** NONE  
**Vapor Pressure:** UNKNOWN  
**Appearance and Fragrance:** Blue, Lemon Scent

**Solubility in Water:** COMPLETE  
**pH:** 7

### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** NONE TO 200 °F  
**Flammable Limits:** NA  
**Unusual Fire Hazards:** Products of combustion are toxic.

**Special Fire-Fighting Procedures:** Wear NIOSH/MSHA self contained breathing apparatus and protective clothing.

**Extinguishing Media:** Water spray, Carbon dioxide, Dry chemical, Foam. Cool fire-exposed containers with water spray.

### SECTION V – HEALTH AND FIRST AID

**Threshold limit value:** NE  
**OSHA PEL:** NA  
**ACGIH TLV:** NA  
**CARCINOGEN:** OSHA/NTP/IARC-NO

### PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

**EYES:** May cause eye irritation. Avoid contact with eyes.  
**SKIN:** Wash with soap and water. If irritation occurs, get medical attention.  
**INHALATION:** N/A  
**INGESTION:** see below

### EMERGENCY & FIRST AID PROCEDURES:

KEEP OUT OF REACH OF CHILDREN

**EYE CONTACT:** FLUSH WITH WATER FOR AT LEAST 15 MINUTES; CONSULT A PHYSICIAN

**SKIN CONTACT:** WASH WITH WATER. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR.

**INGESTION:** GIVE LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. **INHALATION:** IN CASE OF IRRITATION; MOVE PERSON TO FRESH AIR

### SECTION VI – REACTIVITY DATA

**Stability:** STABLE  
**Hazardous Decomposition:** NONE

**Materials to Avoid:** DO NOT MIX WITH OTHER CHEMICALS  
**Hazardous Polymerization:** DO NOT MIX WITH OTHER CHEMICALS

### SECTION VII – ENVIRONMENTAL PROTECTION SPILL OR LEAK PROCEDURES

**Small Spills:** Wet mop and rinse with water. Flush with water through sanitary sewer. **Large Spills:** Dike area. Pump into suitable tank for rework or disposal in accordance with applicable regulatory ordinances. **Waste Disposal Method:** In accordance with Local, State and Federal Regulations.

### SECTION VIII – SPECIAL PROTECTION INFORMATION

**Eye Protection:** NOT NORMALLY NEEDED  
**Respiratory Protection:** NOT NORMALLY NEEDED  
**Skin Protection:** NOT NORMALLY NEEDED  
**Ventilation:** GENERAL  
**Other Protection:** NOT NORMALLY NEEDED.

### SECTION IX – SPECIAL PRECAUTIONS

**Hygienic Practices in Handling & Storage:** DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN A COOL PLACE.  
**Other Precautions:** KEEP OUT OF REACH OF CHILDREN. DO NOT GET IN EYES. DO NOT REPACKAGE IN UNMARKED CONTAINERS. KEEP CLOSURE ON CONTAINERS WHEN NOT IN USE.  
**Disposal of Empty Containers:** IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive or fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.