MATERIAL SAFETY DATA SHEET

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

Generic Name: Non Ammoniated Glass Cleaner Concentrate

Chemical Family: Detergent/Solvent Blend Formula: Proprietary

Triple S Product Number: 48127, 48252, 48062

Manufactured For: Triple S

Address: 2 Executive Park Drive Billerica, MA 01862

N/A= Not Applicable

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		
Specific Gravity: 1.015	Flash Point (Method Used): None			
Vapor Density (Air=1): >1	Upper Explosion Limit: N/A	Lower Explosion Limit: N/A		
pH: 11.0 – 11.5	Extinguishing Media: Dry chemical,	CO ₂ or water		
Evaporation Rate (Water=1): >1	Special Firefighting Procedures: Ke	ep fire exposed containers cool with		
Physical Description: Thin blue liquid with characteristic odor		water stream.		
VOC Content: None		Unusual Fire and Explosion Hazards: N/A		
	Specific Gravity: 1.015 Vapor Density (Air=1): >1 pH: 11.0 – 11.5 Evaporation Rate (Water=1): >1	Specific Gravity: 1.015 Vapor Density (Air=1): >1 pH: 11.0 – 11.5 Evaporation Rate (Water=1): >1 with characteristic odor Flash Point (Method Used): None Upper Explosion Limit: N/A Extinguishing Media: Dry chemical, Special Firefighting Procedures: Ke water stream.		

SECTION 5-REACTIVITY DATA

Stability: Stable Hazardous Polymerization: None

Hazards Decomposition Products: Not Known Incompatibility (Materials to Avoid): 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

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.

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 8-SPECIAL PROTECTION INFORMATION

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

Other Protective Equipment: None

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

HMIS Hazardous Materials SARA Title III - Section 311/312 - Hazard Categories: **Shipping Information:** FOR CONTAINERS > 1 Gallon: Cleaning Compound No - Fire Hazard **Identification System** No - Sudden Release of Pressure Hazard Non-Hazardous Health No - Reactivity Hazard FOR 1 GALLON CONTAINERS: Cleaning Compound **Flammability** 0 Yes - Immediate (acute) Health Hazard Non-Hazardous Reactivity 0 No - Delayed (chronic) Health Hazard FOR CONTAINERS < 1 GALLON: Cleaning Compound **Personal Protection**

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ER# 1-888-779-1339

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		
CECTION 44 OFFICE INCOME TOOM				

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.

Prepared by: Regulatory Affairs Dept.

Triple S Product No.: 48252

(Prepared According to 29 CFR 1910.1200)

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Ready-To-Use #52 Sunray Non-Ammoniated Glass Cleaner

Generic Name: Glass Cleaner Chemical Family: Detergent Blend Formula: Proprietary Manufactured For: Triple S

Address: 2 Executive Park Drive Billerica, MA 01862

N/A= Not Applicable

Effective Date: 12/09 Revision: N/A

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	
Boiling Point (°F): 212° F.	Specific Gravity: 1.000	Flash Point (Method Used): None	
Vapor Pressure: 20mm Hg @68°F.	Vapor Density (Air=1): >1	Upper Explosion Limit: N/A	Lower Explosion Limit: N/A
% Volatile: 80+	pH: 4.0 – 5.0	Extinguishing Media: Not required	
Solubility in Water: Complete	Evaporation Rate (Water=1): >1	Special Firefighting Procedures: Nor	ne
Physical Description: Thin clear light blue liquid with characteristic odor		Unusual Fire and Explosion Hazards	s: N/A
VOC Content: None			

SECTION 5-REACTIVITY DATA

Stability: Stable Hazardous Polymerization: None

Hazards Decomposition Products: Not Known Incompatibility (Materials to Avoid): Strong Alkalies, Chlorine

SECTION 6-STORAGE AND HANDLING INFORMATION

Slight eye irritant. Keep out of reach of children. Keep container closed during storage. For institutional and industrial use only. 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

Effects of Overexposure:

Skin: May cause dryness of skin with prolonged or repeated contact

Eyes: Mild eye irritant. May cause redness, tearing.

Inhalation: Mists may be slightly irritating with repeated contact

Ingestion: Slightly irritating to throat. May cause, nausea, abdominal pain if large

amounts are ingested.

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 8-SPECIAL PROTECTION INFORMATION

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

Other Protective Equipment: None

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 storm 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. Disposal to sanitary sewer is permitted. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before offering for recycling.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 - Hazard Categories: Shipping Information: HMIS Hazardous Materials
No - Fire Hazard FOR CONTAINERS > 1 Gallon : Cleaning Compound Identification System

No - Sudden Release of Pressure Hazard Non-Hazardous
No - Reactivity Hazard FOR 1 GALLON CONTAINERS : Cleaning Compound

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

ous Health 1
npound Flammability 0
ns Reactivity 0
Personal Protection B

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

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CAS#	Chemical Name	Percent by Weight	
None	None	None	
This product contains the follow	ing chemical(s) which have been established to be either a carcino	gen 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