

# SAFETY DATA SHEET

U.S. HazCom GHS Format



Date Prepared : 01/29/2018

MSDS No : SMZ-01681

## Simoniz Sure Shine Glass Cleaner

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Simoniz Sure Shine Glass Cleaner  
**GENERAL USE:** Cleaning Agent  
**PRODUCT DESCRIPTION:** Cleaner  
**PRODUCT CODE:** 01681  
**PRODUCT FORMULATION NAME:** Aerosol Glass Cleaner  
**GENERIC NAME:** Glass Cleaner

#### DISTRIBUTOR

MR. BRANDS  
 113 FILMORE STREET  
 BRISTOL, PA 19007  
**Emergency Contact:** Customer Service  
**Emergency Phone:** 1-877-420-7555  
**E-Mail:** MrBrands@MrBrands.Net

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (877) 800-5553  
**CANUTEC (Canadian Transportation) :** (613) 996-6666  
**CHEMTREC (US Transportation) :** (800) 424-9300

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Acute Toxicity (Inhalation), Category 4  
 Acute Toxicity (Oral), Category 4  
 Acute Toxicity (Dermal), Category 4  
 Skin Irritation, Category 3  
 Serious Eye Damage, Category 2A

##### Physical:

Flammable Aerosols, Category 2

#### GHS LABEL



Flame



Exclamation  
mark

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H223: Flammable aerosol.  
 H280: Contains gas under pressure; may explode if heated.  
 H315 + H320: Causes skin and eye irritation.

### PRECAUTIONARY STATEMENT(S)

#### Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P235+P410: Keep cool. Protect from sunlight.  
 P251: Do not pierce or burn, even after use.  
 P264: Wash ... thoroughly after handling.  
 P271: Use only outdoors or in a well-ventilated area.

#### Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.  
 P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P302+P352: IF ON SKIN: Wash with plenty of water/...  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P314: Get medical advice/attention if you feel unwell.

#### Storage:

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P102: Keep out of reach of children.

#### Disposal:

P501: Dispose of contents: All disposal practices must be in accordance with local, state, national and international regulations.

### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Caution! Irritant! May Irritate eyes. Refer to Section 4 and 11 for health hazard identification.

### POTENTIAL HEALTH EFFECTS

**EYES:** Causes eye irritation on direct contact.

**SKIN:** May cause skin irritation upon prolonged contact.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Propane/isobutane	< 5 - 10	68476-86-8
2- Butoxyethanol	< 2 - 5	111-76-2
Ethanol, 2-(2-butoxyethoxy)-	< 1 - 3	112-34-5
Linear Primary Alcohol Ethoxylate	< 0 - 3	68439-46-3
Sodium metasilicate penthydrate	< 0 - 2	10231-79-3
Ammonia	~ 0 - 0.5	7664-41-7

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Immediately remove all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. If irritation develops or persists seek medical attention. Wash contaminated clothing before re-use.

**INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**INHALATION:** Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

#### **SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** May be irritating.

**SKIN:** Contact may cause skin irritation.

**NOTES TO PHYSICIAN:** Treat symptomatically.

### **5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Aerosol

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Hazardous decomposition products: Carbon Oxides and Formaldehyde.

**EXPLOSION HAZARDS:** Aerosol containers, when exposed to heat from fire, may build pressure and explode. Vapors may accumulate in a confined space and create a flammable atmosphere.

**FIRE FIGHTING PROCEDURES:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire exposed containers cool.

**FIRE FIGHTING EQUIPMENT:** Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of a SCBA may not be required.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon and formaldehyde.

### **6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**LARGE SPILL:** Always employ the proper personal protective equipment. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas through the use of berms. Collect liquid with explosion proof pumps if possible. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Fluorocarbon alcohol resistant foams may be applied to spill to diminish vapor and fire hazard.

#### **ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Take precautions to avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

**LAND SPILL:** Construct temporary dikes of dirt, sand, or any appropriate readily available noncombustible (sawdust) material to prevent spreading of the material.

**AIR SPILL:** If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop the leak, and to flush spills away from exposures.

**GENERAL PROCEDURES:** Absorb with diatomaceous earth or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility according to current applicable laws and regulations, and product characteristics at time of disposal.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** No special handling procedures are required. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid breathing spray or mist.

**HANDLING:** Handle and use in a manner consistent with good industrial/manufacturing techniques and practices. Open and handle with care. Do not handle near heat, sparks, or flames. Avoid contact with incompatible agents. Use with adequate ventilation/personal protection. Do not enter storage area that is not adequately ventilated. Metal containers used in a transfer should be bonded and grounded. Use non-sparking tools. Observe good personal hygiene after handling this material.

**STORAGE:** Aerosol Storage Level: 3

Store in a well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed. The floor of the storage room must be impermeable, non-oxidizing and with contention dikes to retain the product in case of leakage. Store in adequate storage tanks placed in containment basin to retain product in case of leakage.

**STORAGE TEMPERATURE:** Store in closed original container. Protect from direct sun light. Do not expose to temperatures exceeding 50 C/122 F.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Propane/isobutane	OSHA PEL	TWA	1800	
2- Butoxyethanol	OSHA PEL	TWA	50(S)	240(S)
		STEL	NL	NL
	ACGIH TLV	TWA	25(S)	121(S)
		STEL	NL	NL
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Ammonia	OSHA PEL	TWA	50	35
		STEL	35	27
	ACGIH TLV	TWA	25	17
		STEL	35	24
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

**ENGINEERING CONTROLS:** If vapors, or mists are generated, provide local exhaust ventilation to prevent airborne exposure. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94)

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material. Maintain eye wash fountain and quick-drench facilities in work area.

**SKIN:** To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

**RESPIRATORY:** No special precautions are necessary under normal operating conditions.

If the exposure limit is exceeded and engineering controls are not feasible, a half-face organic vapor respirator may be worn for up to ten times the exposure limit or maximum use concentration specified by the respirator supplier or regulatory agency. A full-face organic vapor respirator may be employed for use in atmospheres that contain up to 50 times the exposure limit. For emergencies or instances where the exposure levels are not known a positive- pressure, full-face piece, air supplied respirator should be employed.

**PROTECTIVE CLOTHING:** Long sleeved clothing should always be considered when handling chemical substances.

**WORK HYGIENIC PRACTICES:** Good personal hygiene practices should always be followed. Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke. Hands and any other exposed area should be washed thoroughly with soap and water after contact. Regular laundering of contaminated clothing is essential to reduce indirect skin contact.

**OTHER USE PRECAUTIONS:** Keep away from sources of ignition.

**COMMENTS:** **KEEP OUT OF THE REACH OF CHILDREN.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Aerosolize Liquid

**ODOR:** Characteristic

**APPEARANCE:** Clear Liquid

**COLOR:** Colorless to Yellow

**PHYSICAL STATE COMMENTS:** Aerosol

**pH:** NA = Not Applicable

**FLASH POINT AND METHOD:** -104.4°C (-156°F) TAG CC

**BOILING POINT:** ~ -204.4°C (-336°F) to -42.2°C (-44°F)

**SOLUBILITY IN WATER:** Completely soluble.

**SPECIFIC GRAVITY:** ~ 0.9 to 0.96 (Water = 1.00)

**(VOC):** ~ 9 to 9.900 % by wt.

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Not Available

**HAZARDOUS POLYMERIZATION:** Material will not polymerize.

**STABILITY:** This product is stable under storage at normal ambient temperatures.

**CONDITIONS TO AVOID:** Avoid all possible sources of ignition (spark or flame).

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**INCOMPATIBLE MATERIALS:** Avoid Strong Oxidizing Agents

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY**

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Linear Primary Alcohol Ethoxylate	1400 to 2700	> 4000

**SERIOUS EYE DAMAGE/IRRITATION:** May be irritating to eyes and skin.

#### CARCINOGENICITY

**IARC:** Not Listed by IARC

**NTP:** Not Listed by NTP

**OSHA:** Not Listed by OSHA

**STOT-REPEATED EXPOSURE:** Severe defatting of the skin.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Do not allow to enter into surface water or drains.

**ECOTOXICOLOGICAL INFORMATION:** Avoid exposing to the environment, no specific aquatic data available.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposal must comply with federal, state, and local disposal or discharge laws.

**FOR LARGE SPILLS:** Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

**PRODUCT DISPOSAL:** Collect in appropriate containers. Dispose of waste at an appropriate waste disposal facility in accordance with current applicable laws and regulation, and product characteristics at time of disposal.

**EMPTY CONTAINER:** Empty container retains product residue and can be hazardous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Limited Quantity

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** AEROSOLS, flammable

**TECHNICAL NAME:** Aerosols, Limited Quantity

**UN/NA NUMBER:** 1950

**PRIMARY HAZARD CLASS/DIVISION:** 2.1

**LIMITED QUANTITY:** Yes

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** Yes **PRESSURE GENERATING:** Yes **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**CALIFORNIA PROPOSITION 65:** This product does not contain listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

## 16. OTHER INFORMATION

**REASON FOR ISSUE:** NEW PRODUCT

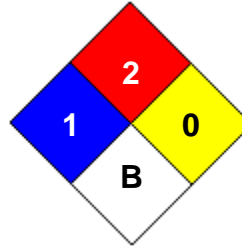
**APPROVED BY:** Scott Margulis    **TITLE:** Technical Director

**PREPARED BY:** Scott Margulis    **Date Prepared:** 01/29/2018

### HMIS RATING

<b>HEALTH</b>	<input type="text"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="text"/>	<b>2</b>
<b>PHYSICAL HAZARD</b>	<input type="text"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="text"/>	<b>B</b>

### NFPA CODES



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