



millers-stephenson



1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Name: MS-260 Safezone Cleaner for Glass

Product Use: Aerosol cleaner for Glass

MANUFACTURER/DISTRIBUTOR:

Emergency Phone Number:
(800) 424-9300

Miller-Stephenson Chemical
55 Backus Ave.
Danbury, Conn. 06810 USA
(203) 743-4447

2. HAZARDS IDENTIFICATION

Physical Hazard: Compressed Gas

Label elements:



Single Word: Warning

Hazard Statements:

H280 Contains gas under pressure; may explode if heated.

Precautionary statements:

Observe good industrial hygiene practices.

If exposed or concerned: Get medical advice/attention.

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F

Dispose of contents/container in accordance with local, regional, national regulations.

Hazard(s) not otherwise classified (HNOC): None known.

3. INGREDIENTS

<u>Material (s)</u>	<u>CAS #</u>	<u>Approximate %</u>
Ethyl Alcohol	64-17-5	2 – 10
2-Butoxyethanol	111-76-2	2 – 10
Propane	74-98-6	1 – 3
Butane	106-97-8	1 – 3

Other components are not hazardous or are below required disclosure limits.

4. FIRST AID MEASURES

Eye: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

Skin: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

Inhalation: Remove victim to fresh air. Get medical attention if symptoms persist.

Ingestion: Call POISON CENTER/doctor if you feel unwell. Rinse mouth

Most important symptoms/ effects, acute and delayed: Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability: This product is not flammable.

Test Method: Ignition distance test and Enclosed space ignition test

Flash point: No data available.

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards: No data available

Special Fire Fighting Instruction: No data available

Further information: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Evacuate personnel to safe areas. Cool cans with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: No data available

Methods and materials for containment and cleaning up: Stop the leak if you can do so without risk. Use inert material like vermiculite, sand, or earth to soak up material and collect into a suitable container for disposal.

Environmental precautions: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewers. Report significant spills and releases as required to appropriate authorities.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear protective equipment. Contents under pressure. Do not puncture or incinerate container. Do not use if spray button is missing or defective. Do not spray on flame or other incandescent materials.

Conditions for safe storage: Contents are under pressure. Do not puncture, incinerate or crush. Store in a cool, well-ventilated area at temperatures below 122°F/50°C. Do not store in direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure Limits:</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>
Ethyl Alcohol	1000 ppm (STEL)	1000 ppm (TWA)
2-Butoxyethanol	20 ppm (TWA)	50 ppm (TWA)
Propane	Not Established	1000 ppm (TWA)
Butane	1000 ppm (STEL)	Not Established

Ventilation: General ventilation should be adequate for normal use. In case of inadequate ventilation use suitable respirator.

Respiratory Protection: None needed under normal use conditions. For operations where the occupational exposure limit may be exceeded use NIOSH mechanical filter/organic vapor cartridge or air-supplied respirator.

Skin Protection: No data available.

Eye Protection: Wear chemical safety glasses or goggles to prevent eye contact.

General hygiene considerations: Always observe good industrial hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light foam dissipates to a clear to light yellow liquid in an aerosol package.

Boiling Point: 172°F/78°C

Vapor Pressure: 70 – 90 psi at 70°F/20°C

pH Information: No data available

Solubility: No data available

Vapor Density (Air=1): No data available

Specific Gravity: 0.978

Form: Aerosol

Physical State: Liquid

Color: Clear to light yellow

Odor: Fresh

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability: Stable at normal storage conditions.

Conditions to Avoid: Keep away from heat.

Incompatible materials: No data available

Hazardous Decomposition Products: No data available

11. TOXICOLOGICAL INFORMATION

2-Butoxyethanol

Acute Toxicity

Oral: LD50: 1746 mg/kg

Dermal: LD50: 1060 mg/kg

Inhalation (vapor): LC50: 11 mg/l

Ethyl Alcohol

Acute Toxicity

Oral: LD50: 10,470 mg/kg

Dermal : LD50: 17,100 mg/kg

Inhalation (vapor): LC50: 124.7 mg/l

Butane

Acute Toxicity

Inhalation (vapor): LC50: 658 mg/l in rats

Propane

Acute Toxicity

Oral: LD50: 5000 mg/kg

Dermal : LD50: 5000 mg/kg

Inhalation (vapor): LC50: 100 mg/l

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available.

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA,

Reproductive toxicity: No data available

Specific target organ toxicity- single exposure: No data available

Specific target organ toxicity- repeated exposure: No data available

Aspiration hazard: No data available

12. ECOLOGICAL INFORMATION

Ecological Information: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobiltiy in soil: No data available.

13. DISPOSAL CONSIDERATIONS

Content under pressure. Do not puncture, incinerate, or crush containers. Do not allow this material to drain into sewer/water supplies. Empty containers may retain some product residue. Dispose in accordance with all local, regional, and national regulations.

14. TRANSPORT INFORMATION

U.S. DOT

Limited Quantity

IATA

Proper Shipping Name: Aerosols, Non-Flammable

Hazard Class: 2.2

Identification No. UN1950

Packing Group: None

IMDG

Proper Shipping Name: Aerosols, Non-Flammable

Hazard Class: 2.2

Identification No. UN1950

Packing Group: None

15. REGULATORY INFORMATION

US Federal Regulations:

TSCA: All ingredients are listed in TSCA inventory

US state regulations

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer and/or birth defects or other reproductive defects.

16. OTHER INFORMATION

FOR INDUSTRIAL USE ONLY

REVISION DATE: APRIL 2023

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user.