

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Glass Cleaner- 10

Revision Date: 11-Mar-2015

## SECTION 1 – IDENTIFICATION

### Product Identifier

Product Name: Glass Cleaner

Product Code: 10

### Recommended Use of the Chemical and Restrictions for Use

Recommended Use: Cleaner

Restrictions for Use: Use only as directed.

### Details of the Supplier

Manufacturer: Weiman Products  
755 Tri-State Parkway  
Gurnee, IL 60031  
847-263-3500

### Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification

| Hazard Class                        | Category |
|-------------------------------------|----------|
| Flammable aerosol                   | 2        |
| Gases under pressure- Liquefied gas | N/A      |

### Label Elements

Hazard Symbols(s):



Signal Word(s): Warning

Hazard Statement(s): Flammable aerosol. Contains gas under pressure; may explode if heated.

Precautionary Statement(s): Keep away from heat/sparks/open flames/hot surfaces.-No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in well-ventilated place.

### Other Hazards

None

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                                    | CAS Number | Wt %    |
|--|------------|---------|
| 2-Butoxyethanol                                  | 111-76-2   | 1-4     |
| Ethyl alcohol                                    | 64-17-5    | 1-4     |
| Butane   | 106-97-8   | 1-4     |
| Propane  | 74-98-6    | 0.5-1.5 |
| Morpholine                                       | 110-91-8   | 0.1-0.5 |
| Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt | 137-16-6   | 0.1-0.5 |

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

## SECTION 4 – FIRST AID MEASURES

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## **First Aid Measures**

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

**Skin:** If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

## **Most Important Symptoms and Effects (Acute and Delayed)**

**Inhalation:** May cause respiratory tract irritation.

**Eye Contact:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Skin:** May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

## **Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physician:** Treat symptomatically.

## **SECTION 5 – FIRE FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable:** Treat for surrounding material.

**Unsuitable:** None known.

### **Specific Hazards Arising from Chemical**

Flammable aerosol. Products of combustion include, and are not limited to: oxides of carbon. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

### **Protective Equipment and Precautions for Firefighters**

Cool closed containers exposed to fire with water spray. Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental Precautions:** See Section 12 for ecological information.

### **Methods and Material for Containment and Cleaning Up**

Eliminate sources of ignition. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container. Provide ventilation.

## **SECTION 7 – HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Handling:** Keep away from sources of ignition- No smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. When using do not eat, drink or smoke. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

**General Hygiene Advice:** Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

### **Conditions for Safe Storage, Including any Incompatibilities**

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**Storage Conditions:** Proper grounding procedures to avoid static electricity should be followed. Keep out of the reach of children. Do not expose to temperatures exceeding 50°C/122°F. Store away from direct sunlight or other heat sources. Store in a well-ventilated place.

**Incompatible Materials:** Strong oxidizing agents.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

#### **Exposure Guidelines:**

| <b>Chemical Name</b>  | <b>ACGIH TLV</b> | <b>OSHA PEL</b>        | <b>NIOSH IDLH</b> |
|---|------------------|------------------------|-------------------|
| 2-Butoxyethanol (111-76-2)                                  | 20 ppm           | 240 mg/m <sup>3</sup>  | Not available     |
| Ethyl alcohol (64-17-5)                                     | 1000 ppm         | 1900 mg/m <sup>3</sup> | Not available     |
| Butane (106-97-8)   | 1000 ppm         | Not available          | Not available     |
| Propane (74-98-6)   | 1000 ppm         | 1800 mg/m <sup>3</sup> | Not available     |
| Morpholine (110-91-8)                                       | 20 ppm           | 70 mg/m <sup>3</sup>   | Not available     |
| Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt (137-16-6) | Not available    | Not available          | Not available     |

### Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Individual Protection Measures

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Skin and Body Protection:** Wear suitable protective clothing.

**Eye/Face Protection:** Safety glasses or goggles are recommended when using product.

**General Work/Hygienic Practices:** Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear colorless liquid

**Odor:** Fresh

**Odor threshold:** Not determined

**pH:** 10

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** Not determined

**Flash point:** Not determined

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Flammable aerosol

**Upper/lower flammability or explosive limits:** Not determined

**Vapor pressure:** Not determined

**Vapor density:** Not determined

**Relative density:** 0.99

**Solubility(ies):** Not determined

**Partition coefficient (n-octanol/water):** Not determined

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

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## SECTION 10 – STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions.

**Chemical stability:** Stable under recommended storage conditions. Flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn.

**Possibility of hazardous reactions:** None under normal use.

**Conditions to avoid:** Heat. Incompatible materials. Sources of ignition.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** May include and are not limited to: oxides of carbon.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

**Likely Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion

### Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity:** NTP: No IARC: No OSHA: No

### Numerical Measures of Toxicity

| Product          |                     |
|------------------|---------------------|
| ATE (oral)       | >2000 mg/kg, rat    |
| ATE (dermal)     | >2000 mg/kg, rabbit |
| ATE (inhalation) | >5 mg/l/4h, rat     |

### **Component Information:**

| Chemical Name   | Oral LD50        | Dermal LD50            | Inhalation LC50                |
|---|------------------|------------------------|--------------------------------|
| 2-Butoxyethanol (111-76-2)                                  | 470 mg/kg (rat)  | Not available          | 450 ppm/4h (rat)               |
| Ethyl alcohol (64-17-5)                                     | 7060 mg/kg (rat) | Not available          | 124.7 mg/l/4h (rat)            |
| Butane (106-97-8)   | Not available    | Not available          | 658 g/m <sup>3</sup> /4h (rat) |
| Propane (74-98-6)   | Not available    | Not available          | 658 mg/l/4h (rat)              |
| Morpholine (110-91-8)                                       | 1050 mg/kg (rat) | 310-810 mg/kg (rabbit) | 8000 ppm/8h (rat)              |
| Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt (137-16-6) | Not available    | Not available          | 0.05-0.5 mg/l/4h (rat)         |

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Not established

**Persistence and degradability:** Not established

**Bioaccumulative potential:** Not established

**Mobility in soil:** Not established

**Other adverse effects:** No additional information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

**Note:** Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.

UN1950, Aerosols, 2.1

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**DOT (Ground):** Limited quantity

**IATA (Air):** Regulated

**IMDG (Vessel):** Limited quantity

## SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration (OSHA) applicable to this Safety Data Sheet differ from the requirements of the CPSC and as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

## SECTION 16 – OTHER INFORMATION

**Issue Date:** 11-Mar-2015

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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 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 designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**