

SAFETY DATA SHEET

H118 Type E Glass Cleaner

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Type E Glass Cleaner
Date of Safety Data Sheet: March 28, 2018
Use of Preparation: Cleaner
Company Identification: 61 Shaver Street
Brantford,
Ontario, N3T 5V6

Company Emergency Telephone Number Emergency Phone: 519-759-2443

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Not classified.

Classification of substance or mixture

GHS-US/Canadian classification:

GHS Hazards

None

Label Elements

GHS-US/ Canada Labeling

Hazard Pictograms (GHS):

Not applicable.

Signal Word (GHS): None

Hazard Statements (GHS):

No hazard statements.

Precautionary Statements (GHS):

No precautionary statements.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

| Ingredient | CAS# | % by Wt | Classification |
|--|------|---------|-----------------|
| No hazardous ingredients requiring disclosure under WHMIS 2015 | | | Not classified. |

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4. FIRST AID MEASURES

| | |
|----------------------------|--|
| Inhalation: | Remove to fresh air. If symptoms persist consult physician. |
| Eye Contact: | Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention. |
| Skin Contact: | Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. |
| Ingestion: | Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid. |
| Notes to Physician: | Treatment based on judgment of attending physician. |

5. FIRE FIGHTING MEASURES

| | |
|--|---|
| Suitable extinguishing media: | Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam |
| Unsuitable extinguishing media: | None known. |
| Special exposure hazards | Thermal decomposition releases irritating gases. |
| Special safety equipment: | Self-contained positive pressure breathing apparatus and protective clothing. |
| Fire and explosion | Not flammable. Not an explosive hazard. |
| Further information | Keep containers and surrounding cool with water spray. |

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately with absorbent and dispose of waste safely.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Information about fire and explosion protection:

Keep respiratory protective device available.

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No special measures required.

Conditions for safe storage, including any incompatibilities:

Storage: Acids, Oxidizers, reducing agents.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Do not store together with alkaline products or strong acids.

Store away from oxidizing agents.

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|--------------------------------|---|
| Respiratory protection: | Use local exhaust or dilution ventilation. |
| Hand protection: | Chemical resistant gloves. |
| Eye protection: | Safety goggles or full face shield. |
| Skin protection: | Use body-covering impervious clothing. |
| Working hygiene: | Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking. |
| Exposure Guidelines: | |

None for ingredients.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| <u>Property</u> | <u>Values</u> | <u>Odour Threshold</u> | <u>Remarks/Method</u> |
|-----------------------------------|----------------------|-------------------------------|------------------------------|
| Physical State | Liquid | | |
| Appearance | Clear. | | None. |
| Colour | Water white. | | No data available. |
| pH | 8.0-10.0 | | None known |
| Melting/Freezing Point | No data available | | None known |
| Boiling Point/Range | No data available | | None known |
| Flash Point | Not applicable. | | None known |
| Evaporation Rate | Similar | | None known |
| Flammability (solid, gas) | Not flammable. | | None known |
| Flammability Limit in Air: | | | |
| Upper Limit | No data available | | None known |
| Lower Limit | No data available | | None known |
| Vapour Pressure | No data available | | None known |
| Vapour density | No data available | | None known |
| Specific Gravity | No data available | | |

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| | | |
|----------------------------------|-------------------|------------|
| Water Solubility | Soluble in water. | None known |
| Solubility Other Solvents | No data available | None known |
| Partition Coefficient: | | |
| n-octanol/water | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition Temperature | No data available | None known |
| Kinematic Viscosity | No data available | None known |
| Dynamic Viscosity | No data available | None known |
| Explosive Properties | No data available | None known |
| Oxidizing Properties | No data available | None known |

Other Properties:

| | |
|-----------------------------------|-------------------|
| Softening Point | No data available |
| VOC Content % | No data available |
| Particle Size | No data available |
| Particle Size Distribution | No data available |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity | No data available. |
| Chemical stability | Stable under recommended handling and storage conditions (see section 7). |
| Thermal decomposition/conditions to avoid: | No decomposition if used and stored according to specifications. |
| Possibility of hazardous reactions | Hazardous polymerization will not occur. |
| Conditions to avoid | Extremely high or low temperatures. |
| Hazardous decomposition products | Carbon oxides (CO, CO ₂). Sodium oxides. |
| Materials to avoid | Reducing agents. Strong acids. |
| Hazardous polymerization | Will not occur |

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: low toxicity.

LD/LC50 values relevant for classification:

On the skin: No effects reported.

On the eye: No effects reported.

Ingestion: May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

Inhalation: Not likely to cause irritation.

Sensitization: No known effects.

Additional toxicological information:

Carcinogenicity:

Chemical Name None

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12. ECOLOGICAL INFORMATION

| | |
|---------------------------------------|--|
| Toxicity: | Not classified |
| Persistence and Degradability: | Not available |
| Bioaccumulative Potential: | Not available |
| Mobility in Soil: | Not available. |
| Other Adverse Effects | |
| Other Information: | All of the organic components of this product are readily biodegradable. |

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT): Not regulated.

Canadian TDG (Road & Rail): Not regulated.

Water Transportation (IMO): Not regulated.

Air Transportation (IATA): Not regulated.

15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHMIS Classification: Not regulated.

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

| | |
|----------------------|----------|
| TSCA | - |
| DSL/NDSL | - |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| KECL | - |
| PICCS | - |
| AICS | Complies |

Legend:

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TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

| | |
|--|----|
| Acute Health Hazard | No |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations:

This product contains no substances regulated by state right-to-know regulations.

HMIS III Rating

Health : 0 Minimal Hazard.

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

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Personal Protection : B
SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Technical Department.

Issuing Date: March 28, 2016

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet