

# SAFETY DATA SHEET



## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Glass Cleaner  
 Product Use: Glass, Windows, Mirrors  
 Not recommended for: Direct contact with food  
 Generic Names/Synonyms (A.K.A.): Windshield Cleaner

Product Code: 105812-4126  
 Part#:1940

### Manufacturer:

1<sup>st</sup> Ayd Corporation  
 1325 Gateway Drive  
 Elgin, IL 60124

**For More Information Call:** 847-622-0001  
 (M- F / 8 AM - 4 PM)

**24 Hour Emergency:** 800-255-3924

## 2. HAZARDS IDENTIFICATION

### GHS Ratings:

|               |    |   |
|---------------|----|---|
| Skin irritant | 3  | Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3 |
| Eye irritant  | 2B | Mild eye irritant: Subcategory 2B, Reversible in 7 days                 |

### GHS Hazards

H316 Causes mild skin irritation  
 H320 Causes eye irritation

### GHS Precautions

P264 Wash ... thoroughly after handling  
 P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 P332+P313 If skin irritation occurs: Get medical advice/attention

**Symbol/Pictogram:** No symbol/pictogram is required based on GHS classification

**Precautionary Statement:** Warning

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name / CAS No.                  | OSHA Exposure Limits                     | ACGIH Exposure Limits | Other Exposure Limits                         |
|--|--|-----------------------|---|
| Glycol Ether EB<br>111-76-2<br>< 5%      | 50 ppm TWA;<br>240 mg/m <sup>3</sup> TWA | 20 ppm TWA            | NIOSH: 5 ppm TWA;<br>24 mg/m <sup>3</sup> TWA |
| *Trade Secret/Proprietary Blend<br>< 7 % | N/A                                      | N/A                   | N/A   |
| Water<br>7732-18-5<br>Balance %          | N/A                                      | N/A                   | N/A   |

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret

#### 4. FIRST-AID MEASURES

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**Inhalation:** Remove person to fresh air. Seek medical attention as needed.

**Skin Contact:** Wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:** Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

**If Swallowed:** Rinse mouth. If you feel unwell, get medical attention

#### 5. FIRE-FIGHTING MEASURES

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**Flash Point:** N/D

**LEL:** N/D

**UEL:** N/D

**FLAMMABLE LIMITS:** Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

**EXTINGUISHING MEDIA:** Use an extinguishing agent suitable for the surrounding fire.

**UNUSUAL/GENERAL/EXPL. FIRE HAZARDS:** None known.

**HAZARDOUS COMBUSTION PRODUCTS:** Under fire conditions irritating fumes maybe anticipated.

**FIRE FIGHTING:** See also Stability and Reactivity section.

**FIRE EQUIPMENT:** Wear self-contained, approved breathing apparatus and full protective clothing (including eye protection and boots).

#### 6. ACCIDENTAL RELEASE MEASURES

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**SPILL/LEAK:** Follow your companies established procedures for reporting and/or responding to Chemical incidents. No action shall be taken involving any personal risk or without suitable training (for slip hazards).

**SMALL SPILL:** Stop leak if without risk. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dispose of all waste and cleanup materials in accordance with regulations.

**LARGE SPILL:** No action shall be taken involving any personal risk or without suitable training.

Stop leak if without risk. Prevent spillage from entering drains and/or waterways. Any release to the environment may be subject to federal/national or local reporting requirements.

#### 7. HANDLING AND STORAGE

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**HANDLING PRECAUTIONS:** Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS.

No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the MSDS for additional personal protection advice when handling this product.

**STORAGE:** Keep container closed when not in use. Protect from excessive heat and/or freezing.

**REGULATORY:** Do not store in unlabeled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Chemical Name / CAS No.                 | OSHA Exposure Limits                     | ACGIH Exposure Limits | Other Exposure Limits                         |
|---|--|-----------------------|---|
| Glycol Ether EB<br>111-76-2<br>≤ 5%     | 50 ppm TWA;<br>240 mg/m <sup>3</sup> TWA | 20 ppm TWA            | NIOSH: 5 ppm TWA;<br>24 mg/m <sup>3</sup> TWA |
| *Trade Secret/Proprietary Blend<br>≤ 7% | N/A                                      | N/A                   | N/A   |
| Water<br>7732-18-5<br>Balance %         | N/A                                      | N/A                   | N/A   |

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**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**ADMINISTRATIVE CONTROLS:** No action shall be taken involving any personal risk or without suitable training.

### PROTECTIVE GEAR:

It is a good industrial hygiene practice to minimize skin and eye contact.

**Respiratory protection:** No personal respiratory protective equipment normally required.

**Hand protection:** No special requirements.

**Eye protection:** No special requirements.

**Skin and body protection:** No special requirements.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**NOTE:** These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

**Appearance:** Liquid

**Auto-ignition temperature:** No Data Available

**Decomposition temperature:** No Data Available

**Viscosity:** No Data Available

**Grams VOC less water:** No Data Available

**Odor:** Pleasant to floral

**Vapor Pressure:** No Data Available

**Odor threshold:** No Data Available

**Vapor Density:** No Data Available

**pH:** No Data Available

**Specific Gravity:** 0.968

**Melting point:** No Data Available

**Freezing point:** No Data Available

**Solubility:** Soluble

**Boiling range:** No Data Available

**Flash point:** No Data Available

**Evaporation rate:** No Data Available

**Flammability:** No Data Available

**Explosive Limits:** No Data Available

**Partition coefficient:** No Data Available  
(n-octanol/water)

## 10. STABILITY AND REACTIVITY

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Product is stable under normal conditions of storage and handling.

Hazardous polymerization will not occur.

**Conditions to avoid:** Direct sources of heat.

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

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### Component Toxicity:

111-76-2                      Glycol Ether EB  
 Oral LD50: 470 mg/kg (Rat)    Dermal LD50: 99 mg/kg (Rabbit)    Inhalation LC50: 450 ppm (Rat)

### Information on likely routes of exposure:

Skin contact: Potential Exists

Eye contact: Potential Exists

## 12. ECOLOGICAL INFORMATION

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The information given is based on data available for the material, the components of the material, and similar materials (if known).

### Component Eco-toxicity

Glycol Ether EB                      96 Hr LC50 Lepomis macrochirus: 1490 mg/L [static]; 96 Hr LC50 Lepomis  
 macrochirus: 2950 mg/L  
 48 Hr EC50 Daphnia magna: >1000 mg/L

## 13. DISPOSAL CONSIDERATIONS

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Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Always dispose of in accordance with Federal, State, and Local regulations.

## 14. TRANSPORTATION INFORMATION

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**Important Note:** The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation. As shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin / destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

For small quantities packed in combination packaging, exceptions may apply.

**For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300**

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
| DOT (US)      | Not Regulated by U.S. DOT   | N/A              | N/A                  | N/A                 |

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

The following chemicals are reportable under Pennsylvania Right to Know:  
 111-76-2 Glycol Ether EB

**United States inventory (TSCA):** All components are listed or exempted

**SARA 313 Components:** The following listed components (if any are listed) are subject to the Supplier Notification Requirement found in 40 CFR 372.45 (c 4); a part of Title III of the Superfund Amendments and Reauthorization Act of 1986. SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed. – **NONE LISTED**

**California Prop 65:** Not Listed

**16. OTHER INFORMATION**

**Hazardous Material Information System (HMIS)**

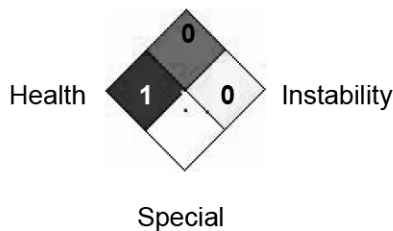
**National Fire Protection Association (NFPA)**

**HMIS & NFPA Hazard Rating**

**Flammability**

|                     |   |
|---------------------|---|
| HEALTH              | 1 |
| FLAMMABILITY        | 0 |
| PHYSICAL HAZARD     | 0 |
| PERSONAL PROTECTION | X |

**Legend**  
 \* = Chronic Health Hazard  
 0 = INSIGNIFICANT  
 1 = SLIGHT  
 2 = MODERATE  
 3 = HIGH  
 4 = Extreme



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