

SAFETY DATA SHEET**1) PRODUCT IDENTIFICATION:****Product Name:** Glass Cleaner

Product Code: 105812-4126

Product Use: Glass, Windows, Mirrors

Part #: 5923

Generic Names/Synonyms (A.K.A.): Windshield Cleaner

Not recommended for: Direct contact with food

Manufacturer:

1st Ayd Corporation

24-Hour EMERGENCY NUMBER:

1325 Gateway Drive

(800) 622-0001

Elgin, IL 60124

For More Information Call: 847-622-0001

(M-F 8 AM - 4 PM)

2) HAZARDS IDENTIFICATION:**WARNING:**

Symbol/Pictogram:

No symbol/pictogram is required based on GHS classification

GHS RATINGS:Skin irritant 3 Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$

Eye irritant 2B Mild eye irritant reversible in 7 days

GHS HAZARDS:

H316 Causes mild skin irritation

H320 Causes eye irritation

P264 Wash thoroughly after handling

P305+P351 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing

+P338

P308+P313 IF exposed or concerned: Get medical advice/attention

P332+P313 If skin irritation occurs: Get medical advice/attention

P337+P313 If eye irritation persists, get medical advice/attention

P403+P235 Store in a well-ventilated place. Keep cool

P501 Dispose of contents/container according to local, state, and Federal regulations.

3) COMPOSITION / INFORMATION ON INGREDIENTS:

Chemical Name	CAS Number	Weight concentration %
2-Butoxyethanol	111-76-2	$\leq 5.00\%$
Proprietary Blend/Trade Secret	*****	$\leq 7.00\%$
Water	7732-18-5	Balance

*The specific chemical identity and/or exact percentage (concentration) of this composition have been withheld as a trade secret. Per paragraph (i) of 29 CFR 1910.1200, formulations can be considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may be withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

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4) FIRST-AID MEASURES:

INHALATION:

Move person to fresh air. Seek medical attention as needed.

SKIN CONTACT:

Wash with soap and water. If signs/symptoms develop, seek medical attention.

EYE CONTACT:

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

INGESTION:

Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Seek medical attention if you feel unwell.

5) FIRE-FIGHTING MEASURES:

EXTINGUISHING MEDIA:

Use an extinguishing agent suitable for the surrounding fire and other materials present in the fire area.

FIRE EQUIPMENT:

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

6) ACCIDENTAL RELEASE MEASURES:

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, and the issuance of appropriate personal protective equipment.

SPILL:

No action shall be taken involving any personal risk or without suitable training, and the issuance of appropriate personal protective equipment. Stop leak if without risk. Absorb spill with an inert material, then place in a container suitable for chemical waste. Prevent spillage from entering drains and/or waterways. Any release to the environment may be subject to federal/national or local reporting requirements.

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7) HANDLING AND STORAGE:

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 SDS 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:

CAS #	OSHA Exposure Limits	ACIGH Exposure Limits	Other Exposure Limits
2 Butoxyethanol	TWA: 50 ppm; 240 mg/m ³	TWA: 20 ppm	NIOSH TWA: 5ppm; 24 mg/m ³
Trade Secret/Proprietary Blend	Not established	Not established	Not established

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

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. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established).

VENTILATION:

Use only with adequate ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

PROTECTIVE GEAR:

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

RESPIRATORY PROTECTION:

No personal respiratory protective equipment is normally required.

HAND PROTECTION:

No special requirements.

EYE PROTECTION:

No special requirements.

SKIN AND BODY PROTECTION:

No special requirements.

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HYGIENE MEASURES:

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling it.

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

Physical state

Liquid

Color

Clear Colorless

Odor

Solvent aroma

pH

No data available

Specific Gravity

1.00 (approximately)

Melting point/freezing point

No data available

Boiling point range

No data available

Evaporation rate

No data available

Flammability

No data available.

Upper/lower flammability or explosive limits

No data available.

Flammability limit – lower

No data available

Flammability limit – upper

Not applicable

Flash point

No data available

Auto-ignition temperature

No data available

Decomposition temperature

No data available

Kinematic Viscosity

No data available

Solubility

No data available

Vapor Pressure

No data available

10) STABILITY AND REACTIVITY:

The product is STABLE under normal conditions of storage and handling.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents

HAZARDOUS DECOMPOSITION:

Thermal decomposition can lead to release of irritating gases and vapors.

HAZARDOUS POLYMERIZATION:

Hazardous polymerization will not occur.

11) TOXICOLOGICAL INFORMATION:

Component	Test	Results	Species
111-76-2	LD50 Oral	470 mg/kg	Rat
	LC50 Inhalation	450 ppm (4h)	Rat

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INFORMATION ON LIKELY ROUTES OF EXPOSURE:

Inhalation: None known.
Ingestion: None known.
Skin contact: None known.
Eye contact: None known.

CARCINOGENICITY:

The following chemicals comprise 0.1 % or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NPT, IARC, OSHA (mandatory listing), or ACGIH

CAS Number	Description	% Weight	Carcinogen Rating
None			

12) ECOLOGICAL INFORMATION:

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

Component Eco-toxicity

2 Butoxyethanol	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:

Empty containers or liners may retain some product residue. This material and its container must be disposed of in a safe manner in accordance with all regulatory requirements.

Always dispose of according to local, state, and Federal regulations

14) TRANSPORTATION INFORMATION:

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 (800) 622-0001

US DOT:

UN NUMBER:

SHIPPING NAME: Not Regulated by US DOT

HAZARD CLASS:

PACKING GROUP:

ERG:

Marine Pollutant: No

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15) REGULATORY INFORMATION:

Safety, health and environmental regulations/legislation specific for the substance or mixture:
United States inventory (TSCA): All components are listed or exempted

U.S. - Pennsylvania - RTK (Right to Know) List

111-76-2 2 Butoxyethanol

California Prop 65: Not Listed

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

16) OTHER INFORMATION:

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