

Safety Data Sheet



Revision 1 Date: 7-21-2021

1. IDENTIFICATION

Product Identifier:

Product Name: **Ideal Glass Cleaner**

Recommended use of the chemical and restrictions on use: Car Wash Application/ Window and Surface Cleaner / No Restrictions

Safety Data Sheet Supplier Details:

Manufacturer Address:

Top Line Chemical Solutions, LLC
1923 John Crosland Jr. Drive
Charlotte, NC 28208

Company Phone Number: 1-980-309-0569
Emergency Telephone Number (24 hour) INFOTRAC: 1-352-323-3500 (International)
INFOTRAC: 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance: Blue Liquid
Physical State: Liquid
Odor: Lemon-Lime

GHS Classification:

Acute Toxicity: May Be Harmful If Swallowed
Eye Damage: May Cause Eye Damage/Irritation

Hazard Statements:

- May Be Harmful If Swallowed
- May Cause Eye Damage/Irritation
- May Cause Skin Irritation

GHS Label Element:

Hazard Pictograms



Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling

Avoid release into environment

Wear protective gloves/protective clothing/eye protection/face protection

Contaminated clothing should be removed immediately and washed prior to reuse

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and continue rinsing for a minimum of 15 minutes. If irritation persists, get medical attention.

IF ON SKIN: Remove any contaminated clothing touching skin and wash before reuse. Wash skin with plenty of soap and water. If skin irritation persists, get medical attention.

3. COMPOSITION

Chemical Name	CAS No	Weight-%
Ethylene Glycol Monobutyl Ether	111-76-2	<1

If Chemical Name/CAS No is “proprietary” and/or Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures:

- **General Advice** Provide SDS to medical personnel for treatment
- **Eye Contact:** IF IN EYES: Small amounts can cause tissue damage. Immediately rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and continue rinsing. If eye irritation persists: Get medical attention.
- **Skin Contact:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash before reuse.
- **Inhalation:** Remove to fresh air. Keep at rest in a position comfortable for breathing. If breathing is irregular or if respiratory arrest occurs get medical attention immediately.
- **Ingestion:** Clean mouth with water. Do not induce vomiting unless directed by medical professional. If ingestion of a large amount does occur, call a poison control center immediately.

Most Important symptoms and effects

- Symptoms: None applicable

Indication of any immediate medical attention and special treatment needed

- Note to physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water fog or spray, Foam, Dry Powder, Carbon Dioxide.

UNSUITABLE EXTINGUISHING MEDIA: NOT DETERMINED.

Specific Hazards Arising from the Chemical

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide, Halogenated Compounds, Metal Oxide/Oxides

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal Precautions: Use personal protective equipment as required.
- Environmental Precautions: See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

- Methods for containment: Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up: Absorb liquid with vermiculite or other absorbent materials. Dike to prevent material from reaching streams or other water sources. If runoff occurs notify proper authorities as required. Dispose of waste in accordance with local, state and federal laws.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practices. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands, and any exposed skin thoroughly after handling. Eating, drinking and smoking should be prohibited.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children. Do not re-use container.

Incompatible materials: None Known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³

Appropriate engineering controls

Engineering Controls: Apply technical measures to comply with the occupational exposure limits. Mechanical ventilation, eye-wash stations, showers where necessary.

Individual protection measures such as personal protective equipment

<i>Eye/Face Protection:</i>	Safety Glasses, Goggles
<i>Skin and Body Protection:</i>	Wear protective gloves and protective clothing
<i>Respiratory Protection:</i>	Ensure adequate ventilation, especially in confined areas.
<i>General Hygiene:</i>	Handle in accordance with good industrial hygiene and safety practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<i>Physical State:</i>	Liquid	<i>Odor:</i>	Lemon-Lime
<i>Color:</i>	Blue	<i>Odor Threshold:</i>	Not Determined

Property	Values	Remarks
<i>pH</i>	5.5-7.0	
<i>Melting Point/Freezing Point</i>	32 degrees Fahrenheit	
<i>Boiling Point/Boiling Range</i>	212 degrees Fahrenheit	
<i>Flash Point</i>	N/A	
<i>Evaporation Rate</i>	Not Determined	
<i>Flammability (Solid, Liquid, Gas)</i>	Not Flammable	
<i>Upper Flammability Limit</i>	Not Determined	
<i>Lower Flammability Limit</i>	Not Determined	
<i>Vapor Pressure</i>	Not Determined	
<i>Vapor Density</i>	Not Determined	
<i>Specific Gravity</i>	Not Determined	
<i>Water Solubility</i>	Yes, Not Determined	
<i>Solubility in other solvents</i>	Not Determined	
<i>Partition Coefficient</i>	Not Determined	
<i>Auto – Ignition Temperature</i>	Not Determined	
<i>Decomposition Temperature</i>	Not Determined	
<i>Kinematic Viscosity</i>	Not Determined	
<i>Dynamic Viscosity</i>	Not Determined	
<i>Explosive Properties</i>	Not Determined	
<i>Oxidizing Properties</i>	Not Determined	

VOC Content Not Determined

Density Not Determined

10. STABILITY AND REACTIVITY

Reactivity

Not Reactive under normal conditions

Chemical stability

Stable under recommended storage conditions

Possibility of hazardous reactions

None under normal processing

**Hazardous Polymerization does not occur

Conditions to avoid

Keep out of reach of children.

Incompatible materials

None Known

Hazardous decomposition products

None Known

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

- Eye Contact: Avoid contact with eyes. May cause irritation.
- Skin Contact: May cause mild irritation.
- Ingestion: May be harmful if swallowed.

Component Information: Delayed and immediate effects, chronic effects from short and long term exposure.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h

Information on physical, chemical, and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Large or frequent spills can have a harmful or damaging effect on the environment.

Components for Ecological Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethylene Glycol Monobutyl Ether 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50

Persistence/Degradability: Not Determined

Bioaccumulation: Not Determined

Mobility in Soil: Not Determined

Chemical Name	Partition Coefficient
Ethylene Glycol Monobutyl Ether 111-76-2	0.81

Other Adverse Effects: Not Determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes: Disposal should be in accordance with local, state, and federal laws and regulations.

Contaminated Packaging: Disposal should be in accordance with local, state, and federal laws and regulations.

14. TRANSPORTATION INFORMATION

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Ethylene Glycol Monobutyl Ether	Present	X		Present		Present	X	Present	X	X

Legend:

TSCA - 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 Chemical Substances/European 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

US Federal Regulations: N/A

CERCLA: This material, as supplied, does not contain substances regulated as a hazardous substance under the comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirement of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No	Weight %	Sara 313-Threshold Values %
Ethylene Glycol Monobutyl Ether 111-76-2	111-76-2	<1	1%

CWA (Clean Water Act): This product does not contain substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

California Proposition 65

This product does not contain Proposition 65 chemicals.

US State Right-To-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monobutyl Ether 111-76-2	XXX	XXX	XXX

16. OTHER INFORMATION

NFPA

Health Hazard: 1
 Flammability: 0
 Instability: 0
 Special Hazards:

HMIS

Health Hazard: 1
 Flammability: 0
 Physical Hazards: 0
 Personal Protection: B

Safety Data Sheet Revision Data

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Disclaimer

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.

End of Safety Data Sheet