

# Safety Data Sheet



Revision 1 Date: 7-20-2021

## 1. IDENTIFICATION

**Product Identifier:**

Product Name:

**C-4 Ceramic Polymer Glaze**

Recommended use of the chemical and restrictions on use: Car Wash Application/ Long Lasting Exterior Protection and Shine Enhancer / 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:  
Emergency Telephone Number (24 hour)

1-980-309-0569  
INFOTRAC: 1-352-323-3500 (International)  
INFOTRAC: 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

Appearance: Amber Liquid

Physical State: Liquid

Odor: Sweet-Sour Mild

**GHS Classification:**

Acute Toxicity:  
Eye Damage

Harmful if swallowed  
May Cause eye damage/irritation

**Hazard Statements:**

- Harmful if swallowed (H303)
- Causes eye irritation (H320)

**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**

<b>Chemical Name</b>	<b>CAS No</b>	<b>Weight-%</b>
Ethylene Glycol Monobutyl Ether	111-76-2	15-25
Acetic acid	64-19-7	2-6
Methanol	67-56-1	<0.5

\*\*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 <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Acetic acid 64-19-7	STEL: 15 ppm TWA: 10 ppm	TWA: 10 ppm TWA: 25 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 25 mg/m <sup>3</sup>	IDLH: 50 ppm TWA: 10 ppm TWA: 25 mg/m <sup>3</sup> STEL: 15 ppm STEL: 37 mg/m <sup>3</sup>



<i>Explosive Properties</i>	Not Determined
<i>Oxidizing Properties</i>	Not Determined
<i>VOC Content</i>	Not Determined
<i>Density</i>	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. Causes irritation/burns.
- Skin Contact: May cause mild irritation.
- Inhalation: Avoid breathing mists.
- 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
Acetic acid 64-19-7	= 3310 mg/kg ( Rat )	= 1060 mg/kg ( Rabbit )	= 11.4 mg/L ( 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
Acetic Acid 64-19-7		79:96h Pimephales promelas mg/L LC50 static 75:96h Lepomis macrochirus mg/L LC50 static	EC50=8.8mg/L 15min EC50=8.8mg/L 25min EC50=8.8mg/L 5min	65:48h Daphnia magna mg/L EC50 static 47:24h Daphnia magna mg/L EC50

**Persistence/Degradability:** Not Determined

**Mobility in Soil:** Not Determined

**Bioaccumulation:** Not Determined

**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.

#### California Hazardous Waste Status:

Chemical Name	California Hazardous Waste Status
Acetic Acid 64-19-7	Toxic, Corrosive, Ignitable

### 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	Present	X		Present		Present	X	Present	X	X
Acetic acid	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:



**CERCLA:** This material, as supplied, contains one or more substances regulated as a hazardous substance under the comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substance RQ	CERCLA/SARA RQ	Reportable Quantity
Acetic Acid 64-19-7	5000lb		RQ 5000 lb RQ RQ 2270 kg final RQ

**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 requirements 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	5-10	1%

**CWA (Clean Water Act):** This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical Name	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA- Priority Pollutants	CWA- Hazardous Substances
Acetic Acid 64-19-7	5000lb			XXX

**California Proposition 65**

This product does not contain any 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
Acetic Acid 64-19-7	XXX	XXX	XXX

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## 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

Original Issue Date: 1 August 2019  
Revision 1 Date: 20 July 2021

### **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**

