



# Foaming Glass Cleaner

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Date of issue: 7/07/2023 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Foaming Glass Cleaner

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Automotive Care Product

#### 1.3. Supplier

Griot's Garage Inc.  
3333 South 38th Street, Tacoma, WA 98409  
2185 Airwest Blvd., Plainfield, IN 46168  
Telephone: 800-345-5789  
Fax: 888-252-2252  
Email: info@griotsgarage.com  
Website: www.griotsgarage.com

#### 1.4. Emergency telephone number

Emergency number : 1-800-535-5053 in North America (USA, Canada, and Mexico), 1-352-323-3500 Outside North America

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
2-Butoxyethanol	CAS-No.: 111-76-2	1 – 5*	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2A, H319

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection.

### 6.2. Environmental precautions

Avoid release to the environment.

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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up liquid spill with absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Foaming Glass Cleaner	
No additional information available	
2-Butoxyethanol (111-76-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	20 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA - ACGIH - Biological Exposure Indices	
BEI	200 mg/g creatinine Parameter: Butoxyacetic acid with hydrolysis - Medium: urine - Sampling time: end of shift
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [1]	240 mg/m <sup>3</sup>
OSHA PEL TWA [2]	50 ppm
Limit value category (OSHA)	prevent or reduce skin absorption
USA - IDLH - Occupational Exposure Limits	
IDLH [ppm]	700 ppm
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	24 mg/m <sup>3</sup>
NIOSH REL TWA [ppm]	5 ppm
US-NIOSH chemical category	SK: SYS-DIR(IRR) Apr 2011

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures/Personal protective equipment

**Hand protection:**

Protective gloves

**Eye protection:**

Safety glasses

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

If concentrations exceed exposure limits, use a NIOSH approved respirator.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear liquid
Color	: Water-white
Odor	: Citrus
Odor threshold	: No data available
pH	: 5.7
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 212 °F
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 8.3 lb/gal
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This product is non-reactive under normal conditions of use, storage, and transport.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### 2-Butoxyethanol (111-76-2)

LD50 oral rat	470 mg/kg
LD50 dermal rabbit	400 mg/kg
LC50 Inhalation - Rat [ppm]	486 ppm/4h
ATE US (oral)	470 mg/kg bodyweight
ATE US (dermal)	400 mg/kg bodyweight
ATE US (gases)	486 ppmv/4h
ATE US (vapors)	3 mg/l/4h
ATE US (dust,mist)	0.5 mg/l/4h

Skin corrosion/irritation : Not classified  
pH: 5.7  
Serious eye damage/irritation : Not classified  
pH: 5.7  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

#### 2-Butoxyethanol (111-76-2)

IARC group	3 - Not Classifiable
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Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified  
Viscosity, kinematic : No data available

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general :

##### 2-Butoxyethanol (111-76-2)

LC50 - Fish [1]	1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

#### 12.2. Persistence and degradability

##### 2-Butoxyethanol (111-76-2)

Persistence and degradability	Not established.
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#### 12.3. Bioaccumulative potential

##### 2-Butoxyethanol (111-76-2)

Partition coefficient n-octanol/water (Log Pow)	0.81 (at 25 °C (at pH 7))
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with local, state, and federal regulations.

### SECTION 14: Transport information

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : No additional information available  
Proper Shipping Name (TDG) : No additional information available  
Proper Shipping Name (IMDG) : No additional information available  
Proper Shipping Name (IATA) : No additional information available

#### 14.3. Transport hazard class(es)

##### DOT

Transport hazard class(es) (DOT) : No additional information available

##### TDG

Transport hazard class(es) (TDG) : No additional information available

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### IMDG

Transport hazard class(es) (IMDG) : No additional information available

### IATA

Transport hazard class(es) (IATA) : No additional information available

### 14.4. Packing group

Packing group (DOT) : No additional information available

Packing group (TDG) : No additional information available

Packing group (IMDG) : No additional information available

Packing group (IATA) : No additional information available

### 14.5. Environmental hazards

Other information : No additional information available.

### 14.6. Special precautions for user

#### DOT

No additional information available

#### TDG

No additional information available

#### IMDG

No additional information available

#### IATA

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 2-Butoxyethanol (111-76-2)

SARA Section 311/312 Hazard Classes

Fire hazard  
Immediate (acute) health hazard  
Delayed (chronic) health hazard

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### 15.2. International regulations

#### CANADA

##### 2-Butoxyethanol (111-76-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Toxic Substance (CEPA – Schedule I)	Yes
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#### EU-Regulations

##### 2-Butoxyethanol (111-76-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

#### National regulations

##### 2-Butoxyethanol (111-76-2)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Industrial Safety and Health Law Substances (ISHL)  
Listed on INSQ (Mexican national Inventory of Chemical Substances)  
Taiwan Chemical Substance Inventory  
Listed on the NCI (National Chemicals Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

Component	State or local regulations
2-Butoxyethanol(111-76-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

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#### Full text of H-statements

H227	Combustible liquid
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.

Safety Data Sheet (SDS), USA

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