



# TERRAGREEN BLUE GLASS CLEANER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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## SECTION 1: Identification

### Identification

Product form : Mixture  
Product name : TERRAGREEN BLUE GLASS CLEANER  
Product code : 361056; 361006; 193034; 192014

### Recommended use and restrictions on use

### Supplier

BHC, Inc.  
P.O. Box 270  
Indianapolis, IN 46206 - USA  
T 1.800.776.7149 - F 317.925.4596  
[Regulatory@bhcinc.com](mailto:Regulatory@bhcinc.com) - [www.bhcinc.com](http://www.bhcinc.com)

### Emergency telephone number

Emergency number : CHEMTREC: 1.800.424.9300 or CHEMTREC (International)  
1.703.527.3887

## SECTION 2: Hazard(s) identification

### Classification of the substance or mixture

#### GHS US classification

Serious eye damage/eye irritation Category 2A Causes serious eye irritation  
Skin sensitization, Category 1 May cause an allergic skin reaction

### GHS Label elements, including precautionary statements

#### GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US): Warning  
Hazard statements (GHS US): May cause an allergic skin reaction  
Causes serious eye irritation

Precautionary statements (GHS US)

#### Prevention:

Avoid breathing spray, mist. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves, eye protection.

#### Response:

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Storage:

Store in a well-ventilated place. Keep container tightly closed. Keep out of reach of children.

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**Disposal:** Dispose of contents/containers in accordance with federal, state and local regulations

### Other hazards which do not result in classification

No additional information available

### Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

Name	Product identifier	Weight (%)
sodium dodecyl sulphate	(CAS-No.) 151-21-3	1 – 5
1-butoxy-2-propanol	(CAS-No.) 5131-66-8	1 – 5
METHOXYISOPROPANOL	(CAS-No.) 107-98-2	1 – 5
PROPRIETARY FRAGRANCE*	(CAS-No.) Trade Secret	0.1 – 1

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

## SECTION 4: First-aid measures

### 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. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

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

- Symptoms/effects after skin contact : May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water fog. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : None known.

### Specific hazards arising from the chemical

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

### 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

### Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing mist, spray, vapors.

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### 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".

### Environmental precautions

Avoid release to the environment.

### Methods and material for containment and cleaning up

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

### Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not mix with other chemicals. Avoid contact with skin and eyes. Avoid breathing mist, spray, vapors. Wear personal protective equipment.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.  
Incompatible products : Strong acids.

## SECTION 8: Exposure controls/personal protection

### Control parameters

sodium dodecyl sulphate (151-21-3)		
Not applicable		
1-butoxy-2-propanol (5131-66-8)		
Not applicable		
METHOXYISOPROPANOL (107-98-2)		
ACGIH	Local name	1-Methoxy-2-propanol
ACGIH	ACGIH OEL TWA [ppm]	50 ppm
ACGIH	ACGIH OEL STEL [ppm]	100 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: Eye & URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2020
PROPRIETARY FRAGRANCE		
Not applicable		

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### Appropriate engineering controls

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

### Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses with side shields

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: clear.
Color	: dark blue
Odor	: Clean Fresh Added
Odor threshold	: No data available
pH	: 7 – 8
Melting point	: 32 °F 0°C
Freezing point	: 32 °F 0°C
Boiling point	: No data available
Flash point	: does not flash
Relative evaporation rate (butyl acetate=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	: 1
Solubility	: Water: 100 %
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
Explosion limits	: No data available
Explosive properties	: Not explosive.
Oxidizing properties	: Non oxidizing material.

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VOC content : 5 % Less Exempts and Water

### SECTION 10: Stability and reactivity

#### Reactivity

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

#### Chemical stability

Stable under normal conditions.

#### Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### Incompatible materials

Strong acids.

#### Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 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

ATE US (oral)	>2,000 mg/kg body weight
ATE US (dermal)	>2,000 mg/kg body weight
ATE US (gases)	>20,000 ppm/4h
ATE US (vapors)	>20 mg/l/4h
ATE US (dust, mist)	>5 mg/l/4h

Skin corrosion/irritation : Not classified  
pH: 7 – 8

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 7 – 8

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

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### SECTION 12: Ecological information

#### Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

#### Persistence and degradability

<b>sodium dodecyl sulphate (151-21-3)</b>	
Persistence and degradability	Readily biodegradable in water.
<b>1-butoxy-2-propanol (5131-66-8)</b>	
Persistence and degradability	Readily biodegradable in water.
<b>METHOXYISOPROPANOL (107-98-2)</b>	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
ThOD	1.95 g O <sub>2</sub> /g substance

#### Bioaccumulative potential

<b>sodium dodecyl sulphate (151-21-3)</b>	
BCF - Fish [1]	3.9 – 5.3 (72 h, Cyprinus carpio)
BCF - Fish [2]	7.15 (Pisces, Chronic)
Partition coefficient n-octanol/water (Log Pow)	≤ -2.03 (Calculated, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C)
Bioaccumulative potential	Not bioaccumulative.
<b>1-butoxy-2-propanol (5131-66-8)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>METHOXYISOPROPANOL (107-98-2)</b>	
BCF - Fish [1]	1 (Pimephales promelas)
Partition coefficient n-octanol/water (Log Pow)	< 1 (Experimental value, Equivalent or similar to OECD 117, 20 °C)
Bioaccumulative potential	Not bioaccumulative.

#### Mobility in soil

<b>sodium dodecyl sulphate (151-21-3)</b>	
Surface tension	0.0252 N/m (23 °C, 1 g/l, EU Method A.5: Surface tension)
Partition coefficient n-octanol/water (Log Koc)	1.545 (log Koc, SRC PCKOCWIN v2.0, Experimental value)
Ecology - soil	Highly mobile in soil.
<b>1-butoxy-2-propanol (5131-66-8)</b>	
Surface tension	57.6 N/m (20 °C, 100 vol %)

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Ecology - soil	Low potential for adsorption in soil.
<b>METHOXYISOPROPANOL (107-98-2)</b>	
Surface tension	0.0707 N/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)
Ecology - soil	Low potential for adsorption in soil.

### Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### US - DOT

Not regulated for transport

### International shipping – IMDG

Not regulated for transport

### International – IATA

Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed as Active, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. International regulations

#### CANADA

<b>sodium dodecyl sulphate (151-21-3)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>1-butoxy-2-propanol (5131-66-8)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>METHOXYISOPROPANOL (107-98-2)</b>
Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

<b>METHOXYISOPROPANOL (107-98-2)</b>
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### National regulations

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### METHOXYISOPROPANOL (107-98-2)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### 15.3. US State regulations

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

Component	State or local regulations
METHOXYISOPROPANOL(107-98-2)	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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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*