



## Safety Data Sheet

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System

### Section 1 - Chemical Product and Company Identification

**Product Name: Bottom Guard**

**Distributor:** AP Formulators 1015 Georgia St., South Houston, TX 77587 (888) 783-7627

#### Product Use

Cleaning Compound

**Emergency Telephone: CHEMTREC 1-800-424-9300**

### Section 2 - Hazards Identification

## GHS HAZARD

**Classification of the substance or mixture:** Not a hazardous substance or mixture.

**GHS Label elements, including precautionary statements:** Not a hazardous substance or mixture.

**Hazards not otherwise classified (HNOC) or not covered by GHS:** None

### Section 3 - Composition / Information on Ingredients

Chemical Names	CAS #.	Concentration%	Other Identifiers
Ethylene glycol monobutyl ether	111-76-2	30%-60%	Ethylene Glycol
Water	7732-18-5	40%-60%	H2O

### Section 4 - First Aid Measures

**Eye:** Contact with the eyes can cause temporary irritation.

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Contact with the skin can cause temporary irritation.

**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

**Ingestion:** Swallowing large amount may cause digestive discomfort.

**Ingestion:** Do NOT induce vomiting. Get medical aid immediately.

**Inhalation:** Short exposures of less than 8 hours should not cause injury.

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult and **IF TRAINED**, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation without protection.

**After first aid, get appropriate paramedic, or community medical support.**

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## Section 5 - Fire-Fighting Measures

**Flammable Properties:** Not flammable

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical powder or appropriate foam. Use water to keep non-leaking, fire-exposed containers cool.

**Precautions for Firefighters:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Substance is noncombustible. Contact with metals may evolve flammable hydrogen gas.

## Section 6 - Accidental Release Measures

**Personal Precautions:** Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Increase ventilation to area or move container to a well-ventilated and secure area. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Before entry, especially into confined areas, check atmosphere with an appropriate monitor.

### Methods for Containment and Clean-up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating vapor conditions. Cover with sand, dry lime or soda ash and place in a closed container for disposal. Provide ventilation. Evacuate unnecessary personnel.

**Other Information:** Report spills to local health, safety and environmental authorities, as required.

## Section 7 - Handling and Storage

### Handling Precautions

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Do not breathe dust minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing

**Storage:** Store in a cool, dry, well-ventilated area, out of direct sunlight. Keep quantities stored as small as possible. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel.

## Section 8 - Exposure Controls / Personal Protection

Chemical Names	ACGIH- TLV	OSHA - PEL
Ethylene glycol monobutyl ether	None Listed	None Listed

**ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value.**

**OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.**

**NOTE: TWA Means** "TWA is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded."

**C Means** Ceiling Limit

\*Listed on the OSHA Z1 Table

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below TLV/PELs Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes and launder before reuse. Remove this material from your shoes and clean personal protective equipment.

### Personal protective equipment

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### Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use. Select gloves tested to the ANSI/ISEA 105-2011

Full contact: Nitrile rubber

Splash contact: Nitrile rubber

### Eye protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.

### Skin and body protection

Impervious clothing

### Protective Clothing Pictograms



## Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** Amber

**Odor:** Neutral

**Vapor Pressure:** No information found

**Vapor Density (Air=1):** 1

**Molecular Weight:** No information found

**Specific Gravity (H<sub>2</sub>O=1):** 1.0

**pH:** 6.5 - 7

**Water Solubility:** Complete

**Boiling Point:** Not applicable

**Freezing/Melting Point:** Not applicable

**Viscosity:** Not available

**Flash Point:** 212 °F (100°C)

**Auto ignition Temperature:** Not applicable

**LEL:** Not applicable

**UEL:** Not applicable

## Section 10 - Stability and Reactivity

**Stability:** Stable under ordinary conditions of use and storage.

**Polymerization:** Hazardous polymerization has not been reported.

**Chemical Incompatibilities:** Strong acidizing agents.

**Conditions to Avoid:** Incompatibles.

**Hazardous Decomposition Products:** Oxides of carbon and sulfur.

## Section 11- Toxicological Information

Product Name	Results	Species	Dose	Exposure
Ethylene glycol monobutyl ether	Oral LC50	Rat	2.5 g/kg	Not listed

**Routes:** Ingestion. skin and/or eye contact.

**Target Organs:** None

**Inhalation.** Causes mild respiratory tract irritation.

**Ingestion** Swallowing large amount may cause digestive discomfort.

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**Skin** Causes mild skin irritation

**Eyes** Causes mild eye irritation

**Teratogenicity/Embryotoxicity:** Not harmful the unborn child

**Reproductive Toxicity:** Not a reproductive hazard

**Mutagenicity:** Not a mutagen

**Signs and Symptoms of Exposure:** Mild skin, eye irritation and may cause digestive discomfort.

## Carcinogenicity:

Chemical Name	IARC	ACGIH	NTP	OSHA
Ethylene glycol monobutyl ether	Not listed	Not listed	Not listed	Not Listed

## Key to Abbreviations

IARC = International Agency for Research on Cancer.

ACGIH= American Conference of Governmental Industrial Hygienists

NTP = National Toxicology Program

## Section 12 - Ecological Information

Product Name	Results	Species	Exposure
Ethylene glycol monobutyl ether	LD50 21 mg/L	Fish	96 hours

**Toxicity** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Mobility in soil:** No data available for this product

**Persistence/degradability:** No data available for this product

**Bioaccumulation:** No data available for this product

**PBT and vPvB assessment:** No data available for this product.

## Section 13 - Disposal Considerations

**Disposal: DO NOT REUSE EMPTY CONTAINER!** Container with residues should be considered to be hazardous wastes. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulation

## Section 14 - Transport Information

### US Transport Information

Regulatory Information	UN #	Proper Shipping Name	Hazard Class	PG	Label	Additional Information
DOT Classification		Not Regulated				

## Section 15 - Regulatory Information

### US Regulations:

**TSCA:** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

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**CERCLA Hazardous Substances and corresponding RQs:** None

**SARA Community Right-to-Know Program:** None

**Clean Water Act:** none

**Clean Air Act:** none

**OSHA:** All ingredients are listed in 1910.1200

### State Regulations

**California prop. 65:** None

Chemicals on the following State Right to Know Lists:

**Massachusetts:** All components of this product are on the Massachusetts Inventory or are exempt from Inventory requirements

**New Jersey:** All components of this product are on the New Jersey inventory or are exempt from Inventory requirements

**Pennsylvania:** All components of this product are on the Pennsylvania Inventory or are exempt from Inventory requirements

## Section 16 - Other Information

**Disclaimer:** The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER NO responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above is furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.

**References:** CHEMpendium data base of Canadian Centre for Occupational Health and Safety (CCOHS), JJ Keller on Line, European Chemical Agency Data Base and MSDS and SDS of chemicals in this mixture.

**SDS Preparation Date:** May 15, 2015

**SDS Revisions:** August 6, 2019

Prepared by

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