

## Safety Data Sheet

# Grease Buster Plus

### Section 1: Identification

#### GHS product identifier

Product name: Grease Buster Plus

Product Code: 45

#### Recommended uses and uses advised against

Recommended use:

General degreaser and multi surface cleaner.

Uses not recommended:

Not for personal hygiene.

#### Supplier details

Aleva Chemical, Inc.  
1792 Latham St.  
Memphis, TN 38106

Telephone (general)  
Website:

(888)504-8178  
[alevachem.com](http://alevachem.com)

#### Emergency telephone number

Infotrac: (800) 535-5053

### Section 2: Hazard identification

#### United States (US)

According to OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

OSHA HCS 2012

Skin Corrosion/Irritation 1

#### Label Elements

OSHA HCS 2012

**Danger**



#### Hazard Statements

H314 Causes severe skin burns and eye damage.

#### Precautionary Statements

##### Prevention

P260 Do not breathe dusts or mists.  
P264 Wash hands and skin thoroughly after handling.  
P280 Wear protective gloves, protective apron, eye protection and face shield where appropriate.

##### Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth.  
Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water.  
P363 Wash contaminated clothing before reuse.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P310 Immediately call a poison control center and seek medical attention.  
P321 Specific treatment see section 4.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing.

#### Storage/Disposal

P501 Dispose of contents/container per guidelines in section 13.  
P405 Store locked up.

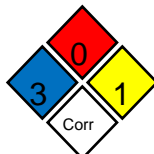
## Other hazards

OSHA HCS 2012

No data available.

## Other information

NFPA



## Section 3: Composition/Information on Ingredients

### Substances

Material does not meet the criteria of a substance.

### Mixtures

Potassium Hydroxide	[Caustic Potash]	CAS No. 1310-58-3	2% - 9%
Detergent Builders	[ ]	CAS No. Not specified	0% - 5%
Glycol Ether EB	[Butyl Glycol Ether]	CAS No. 111-76-2	0% - 5%

See section 11 for toxicological information.

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation:

Remove to fresh air. If breathing becomes difficult, oxygen may be given, preferably with a physician's advice. If not breathing, give artificial respiration. Get medical attention.

#### Skin:

Remove contaminated clothing and equipment. Wash all affected areas with plenty of soap and water for at least 15 minutes. Do not attempt to neutralize with chemical agents. Wash any contaminated clothing and shoes before reuse. Obtain medical advice if irritation occurs.

#### Eye:

Flush eyes with large quantities of running water for a minimum of 15 minutes. If the victim is wearing contact lenses, remove them. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eye and lids with water. DO NOT let victim rub eye(s). Do not attempt to neutralize with chemical agents. Oils or ointments should not be used at this time. Get medical attention if eye irritation occurs.

#### Ingestion:

Give several glasses of water. If vomiting occurs, keep head below hips to reduce risk of aspiration. Give fluids again. Seek medical attention if health effects occur.

### Most important symptoms and effects, both acute and delayed

Refer to section 11 - Toxicological Information.

### Indication of any immediate medical attention and special treatment needed:

All treatments should be based on observed signs and symptoms of distress in the patient. No specific antidote is known. Based on the individual reactions of the patient, the

physician's judgment should be used to control symptoms and clinical conditions.

## Section 5: Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:

This product is noncombustible. If involved in a fire, extinguishing agents suitable for surrounding materials should be used.

Unsuitable extinguishing media:

No data available.

### Special hazards arising from the substance or mixture

Unusual fire and explosion hazards:

Not considered a fire hazard. When involved in a fire, does not contribute any unusual hazards.  
 Potential for dust explosion may exist. This product is not defined as flammable or combustible.  
 Depending upon conditions, dusts may be sensitive to static discharge. Avoid possibility of dry powder and friction causing static electricity in presence of flammables.

Hazardous combustion products:

Oxides of carbon and nitrogen sodium hydroxide and ammonia are produced during the decomposition of this product.

Advice for firefighters

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from the fire area. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Personal precautions:

Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material.

Emergency procedures:

As an immediate precautionary measure, isolate spill or leak for at least 50 meters.

Environmental precautions

Avoid run off to waterways and sewers.

### Methods and material for containment and clean-up

Stop source of spill.

## Section 7: Handling and Storage

### Precautions for safe handling

Handling:

Avoid prolonged and/or repeated skin and eye contact and inhalation. Minimize the generation or dust when handling this product.

### Conditions for safe storage, including any incompatibilities

Storage:

Store at or near room temperature. Keep container closed when not in use.

Incompatible materials or ignition sources:

Avoid contact with aluminum, copper, copper alloys, zinc and nickel. This product is incompatible with strong oxidizers.

## Section 8: Exposure Controls/Personal Protection

### Control parameters

Component	Result	Exposure Limits/Guidelines		
		NIOSH	ACGIH	Canada Ontario
Potassium Hydroxide CAS No. 1310-58-3	STELs	Data lacking	2 mg/m3	Data lacking
	TWAs	Data lacking	2 mg/m3	Data lacking
Detergent Builders CAS No. Not specified	STELs	Data lacking	Data lacking	Data lacking
	TWAs	Data lacking	for "Particulates Not Otherwise Classified (PNO):" 10 mg/m3 – ACGIH 15 mg/m3 (total dust); 5 mg/m3 (respirable fraction) – OSHA	Data lacking

### Exposure controls

Engineering measures and controls:

Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Incompatible materials or ignition sources:

Pictograms:



Respiratory:

Not required.

Eye and face:

Must wear goggles when using this product.

Hands:

Must wear chemical protective gloves when using this product.

Skin and body:

Must wear chemical protective clothing when using this product.

General industrial hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling.

Environmental exposure controls:

Follow best practice for site management and disposal of waste. Avoid release to the environment.

**Key to Abbreviations**

ACGIH= American Conference of Governmental Industrial Hygiene  
 OSHA =Occupational Safety and Health Administration  
 MSHA = Mine Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures  
 NIOSH= National Institute of Occupational Safety and Health  
 STEV = Short Term Exposure Value

STEL = Short Term Exposure Limits are based on 15-minute exposures

## Section 9: Physical and Chemical Properties

### Information on physical and chemical properties

<b>Material Description</b>				
Physical Form	Liquid		Appearance/Description	Opaque Liquid
Color	Orange		Odor	Mild, surfactant odor
Taste	Data lacking		Particulate Type	Not relevant
Particulate Size	Not relevant		Aerosol Type	Not relevant
Odor Threshold	Data lacking		Physical and Chemical Properties	Data lacking
<b>General Properties</b>				
Boiling Point	> 212 F		Melting Point	Data lacking
Decomposition Temperature	Data lacking		Heat of Decomposition	Data lacking
pH	10 - 12		Specific Gravity/Relative Density	1.076
Density	Data lacking		Bulk Density	Data lacking
Water Solubility	Soluble in water		Solvent Solubility	Data lacking
Viscosity	Data lacking		Explosive Properties	Classification criteria not met
Oxidizing Properties:	Data lacking			
<b>Volatility</b>				
Vapor Pressure	Data lacking		Vapor Density	Data lacking
Evaporation Rate	1 (Water = 1)		VOC (Wt.)	Data lacking
VOC (Vol.)	Data lacking		Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking			
<b>Flammability</b>				
Flash Point	Not applicable		UEL	Not applicable
LEL	Not applicable		Autoignition	Not applicable
Self-Accelerating Decomposition Temperature (SADT)	Data lacking		Heat of Combustion (ΔHc)	Data lacking
Burning Time	Not applicable		Flame Duration	Not applicable
Flame Height	Not applicable		Flame Extension	Not applicable
Ignition Distance	Not applicable		Flammability (solid, gas)	Not applicable
<b>Environmental</b>				
Half-Life	Data lacking		Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking		Bioaccumulation Factor	Data lacking
Bioconcentration Factor	Data lacking		Biochemical Oxygen Demand BOD/BOD5	Data lacking

Chemical Oxygen Demand	Data lacking
Degradation	Data lacking

Persistence	Data lacking

## Section 10: Stability and Reactivity

### Reactivity

Hazardous polymerization will not occur.

### Chemical stability

This product is stable at ambient temperatures and atmospheric pressures. It is not self-reactive and is not sensitive to physical impact.

### Possible hazardous reactions

Material data lacking.

### Conditions to avoid

Contact with strong oxidizers and prolonged storage at elevated temperatures should be avoided.

### Incompatible materials

Avoid contact with aluminum, copper, copper alloys, zinc and nickel. This product is incompatible with strong oxidizers.

### Hazardous decomposition products

Decomposition products are carbon dioxide, carbon monoxide, nitrogen oxides, sodium hydroxide, ammonia and water vapor.

## Section 11: Toxicological Information

### Information on toxicological effects

Component	CAS No.	Data
Potassium Hydroxide	1310-58-3	Oral-rat LD50: 606.6667 mg/kg Data lacking Not expected to cause reproductive effects.
Detergent Builders	Not specified	The oral LD50 for this material is > 2000 mg/kg in rats. Data lacking EDTA and its sodium salts have been reported, in some studies, to cause birth defects in laboratory animals only at exaggerated doses that were toxic to the mother.

### Target organs

The kidney and bladder appear to be target organs.

### Routes of entry and/or exposure

No data available.

### Potential health effects

#### Inhalation

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

#### Skin

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

#### Ingestion

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

#### Eye

Acute (immediate):

This product is a mild irritant to the eyes.

Chronic (delayed):

No data available.

## Section 12: Ecological Information

### Toxicity

Material data lacking.

### Persistence and degradability

Material data lacking.

Bioaccumulative potential	Material data lacking.
Mobility in soil	Material data lacking.
Other adverse effects	No studies have been found.
Other information	No additional information available.

### Section 13: Disposal Considerations

#### Waste treatment methods

##### Product waste

In its unused condition, this product is not considered to be a RCRA defined hazardous waste by characteristics or listings. It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristic or listing.  
Dispose in accordance with all local, state and federal regulations.

##### Packaging waste

Dispose of product container waste in accordance with local, federal and international regulations.

### Section 14: Transport Information

#### Special precautions for user

Keep containers sealed during transport; do not overload.

Transport in bulk according to annex II of MARPOL 73/78 and the IBC code

### Section 15: Regulatory Information

#### Safety, health and environmental regulations specific to substance or mixture

SARA hazard classifications:

Cleaning Compound, Corrosive, Contains Potassium Hydroxide, 8, PG III, NA 1760

### Section 16: Other Information

#### Last revision date:

12/6/2015

#### Preparation date:

7/17/2018

#### Disclaimer and statement of liability:

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.