

SAFETY DATA SHEET

Burns Chemical Services
205 West Drive, Greensburg, PA 15601
724-853-8877

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **GREASE CUTTER** 24 Hour Emergency Number: 877-465-4615
Product Description: A formulated concentrated degreaser. SDS Number: 201408

2. HAZARDS IDENTIFICATION ***EMERGENCY OVERVIEW***

Corrosive - Category 1

Toxicity - Category 4

DANGER



Hazard Statements:

H314 Causes severe skin burns and eye damage.
H332 Harmful if inhaled.
H290 May be corrosive to metals
H317 May cause an allergic skin reaction.
H301 Toxic if swallowed.

Precautionary Statements:

P260 Avoid breathing fume.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves, protective clothing, and eye protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Potassium Hydroxide	1310-58-3	< 10%	2 mg/m3	2 mg/m3
Ethylene Glycol Monobutyl Ether	111-76-2	< 10%	20 ppm	50 ppm
Sodium Tripolyphosphate	7758-29-4	< 3.0%	NE	NE
Amphoteric Surfactant	64972-19-6	< 5.0%	NE	NE

4. FIRST AID MEASURES

P390 Absorb spillage to prevent material damage.
P312 Call a POISON CENTER or physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P312+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
P303+P361+P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse SKIN with water.
P301+P312+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or physician IF you feel unwell. P363 Wash contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Flash Point (Method): None to 200°F.
Lower Explosive Limit (LEL): NA Upper Explosive Limit (UEL): NA Autoignition Temperature: NA
Flammable Properties: Toxic fumes may evolve on burning. Contains ingredients that may react with certain metals to form explosive hydrogen gas.
Extinguishing Media: Foam, Carbon Dioxide, dry chemical.
Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Use absorbent to pick up residue and dispose of properly. Avoid discharge to natural waters.
Large Spills: Halt spill at source, dike and contain spill. Use absorbent to pick up residue and transfer to a proper container. Dispose of in accordance with Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

Handling: This product is for industrial use only. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Harmful if swallowed. Do not reuse empty containers. Empty product containers may contain product residue. Avoid contact with skin, eyes and clothing. Do not mix with other chemicals.

Storage: Store at 40°F (4°C) to 90°F (32°C). Keep out of reach of children. Keep containers closed when not in use. Store in a well-ventilated area. Do not store with strong oxidizers. Store in a cool, dry area.

P406 Store in corrosive resistant container with a resistant inner liner. P405 Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits.

Personal Protective Equipment:

Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH-approved organic vapor/particulate respirator.

Eye: Wear approved safety glass or goggles with unperforated sideshields.

Skin: Wear chemically impervious gloves such as Nitrile.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Purple	Odor:	Butyl
Physical State:	Liquid	pH:	> 13.5
Solubility in Water:	Complete	Specific Gravity:	1.095 +/- 0.005
Boiling Point:	> 212°F	VOC Content:	< 4% @ dilution.

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Acids, Oxidizers.

Incompatibility: Corrosive to Aluminum, Brass, Viton, Carbon Steel.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Potassium Hydroxide	1310-58-3	365 mg/kg (oral rat)	179 mg/l/96 hr (flathead minnow)
Ethylene Glycol Monobutyl Ether	111-76-2	1480 mg/kg (rat oral)	700 ppm/7 hr mouse
Sodium Tripolyphosphate	7758-29-4	5400 mg/kg (oral rat)	> 1000 ng.l/48 hr (daphnia magna)
Amphoteric Surfactant	64972-19-6	> 16.81 g/kg (rat oral)	60 mg/l/96 hr (flathead minnow)

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Do not reuse empty containers. Waste from this product may be hazardous as defined under RCRA 40 CFR 261. Dispose of in accordance with the Federal, State, and Local regulations regarding pollution. Avoid discharge to natural waters. Product as supplied is classified as a D002 unspecified corrosive waste.

P501 Dispose of container to in accordance with all Federal, State and Local Regulations regarding waste disposal.

14. TRANSPORT INFORMATION

DOT Shipping Data:

For gallon sizes and smaller: Consumer Commodity, ORM-D After 12/31/13: Ship: Limited Quantity

For pail and drum sizes: CORROSIVE LIQUIDS, N.O.S. (Potassium Hydroxide), 8, UN1760, III Canadian TDG:

Not available for sale in Canada.

15. REGULATORY INFORMATION

TSCA: All chemicals in this product are listed or exempt from listing on the TSCA inventory.

CEPA: All chemicals in this product are listed or exempt from listing on the Canadian DSL/NDL.

Proposition 65: Raw materials used in this product have identified the opportunity for the presence of very low levels of the following California Proposition 65 chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: Arsenic (7440-38-2). We have tested a representative sample of this product for the presence of these chemicals and have found none to be present at above analytical detection limits. Ethylene Glycol Monoethyl Ether (110-80-5) may be present at < 85 ppm.

SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372):
Glycol Ethers < 10%

HMIS RATING: Health = 2 Flammability = 0 Reactivity = 0 Personal Protection = B

WHIMS RATING: Not available for sale in Canada.

16. OTHER INFORMATION

NA = Not Available or Not Applicable

NE = Not Established

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (877) 465-4615

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