

STAPLES CONTRACT & COMMERCIAL, INC.
500 Staples Drive
Framingham, MA 01702
1-888-322-0912
24-HR MEDICAL AND DOT EMERGENCIES: 1-888-322-0912

MSDS #: MSDS SBG7500
Hazard Rating **HMIS** **NFPA**
Health 2 2
Flammability 0 0
Reactivity 0 0
Special None None

MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

SECTION 1: PRODUCT IDENTIFICATION

Product: GREASE LIGHTNING™

MSDS CODE: SBG7500.0310

This MSDS applies to Manufacturer Item Number: 18505

GENERIC DESCRIPTION	DATE ISSUED	SUPERSEDES	PREPARED BY
Heavy Duty Degreaser	03-22-10	None	Regulatory Specialist

SECTION 2: HAZARDS IDENTIFICATION

Primary Entry Routes: Skin, eyes, ingestion and inhalation. **Signs & Symptoms of Exposure:** Direct contact of product with eyes or skin may cause moderate to severe irritation. Prolonged or repeated contact of product with skin or eyes may cause redness and burns. Prolonged breathing of vapors may cause irritation of nose and throat. If swallowed, product may cause irritation of mouth, throat or stomach. **Effects of Overexposure:** Can cause eye damage. May cause irritation and irritating effects to nose, throat and respiratory tract. May be harmful if swallowed.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Components	% by Wt.	CAS #	Exposure Limit
Nonionic surfactant	5-10	68439-46-3	None established
Sodium metasilicate	1-3	6834-92-0	None established
Tetrasodium ethylenediamine-tetraacetate	1-2	64-02-8	None established
Potassium hydroxide	<1	1310-58-3	2 mg/m ³ Ceiling (OSHA PEL and ACGIH TLV)

Balance is water and similar non-hazardous ingredients. No fragrance added.

SECTION 4: FIRST AID MEASURES

Emergency First Aid Procedures:

Eyes: Immediately flush eyes with running water for at least 15 minutes while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

Skin: Flush immediately with plenty of water for at least 15 minutes. If reddening occurs and persists, seek prompt medical attention or advice.

Ingestion: If swallowed, immediately give 3-4 glasses of milk (if unavailable, give water). Do not induce vomiting. If vomiting occurs, give fluids again. Seek immediate medical attention. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to a convulsing or unconscious person. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Inhalation: Remove from area to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: None **Flammable Limits:** Not known. **Extinguishing Media:** Use standard fire fighting measures to extinguish fires involving this material (water spray, dry chemicals, CO₂ or foam).

Special Fire Fighting Procedures: Appropriate personal protective equipment.

Unusual Fire and Explosion Hazards: Not known. Use water spray to cool nearby containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Release or Spill: Recover liquid with wet mop or wet/dry vacuum. Rinse area with water and flush residue to sanitary sewer. Keep spill out of storm sewers and waterways. Use care, floor may become slippery. Wear appropriate protective gear to avoid eye contact. Follow good industrial hygiene practices. Wash thoroughly after cleanup.

SECTION 7: HANDLING AND STORAGE

Avoid contact with skin and eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Keep containers closed until use. Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use with adequate ventilation.

Respiratory Protection: No special requirements for normal use conditions.

Protective Gloves: No special requirements for normal use conditions. However, it is a good safe practice to wear chemical resistant gloves to prevent skin contact when using any chemical product.

Eye Protection: Wear splash-proof goggles when handling undiluted product. No special requirements for normal use conditions. However, it is a good safe practice to wear eye protection when using any chemical product.

Other Protective Measures: Use good personal hygiene practices. Launder contaminated clothing/equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Clear, green liquid/Pleasant **Boiling Point:** >212°F **Evap. Rate:** Not known.
pH (Conc.): 13.0 **pH (Diluted 1:64):** 12.5 **Vapor Density:** Not known. **Vapor Pressure:** Not known.
Specific Gravity: 1.04 **Solubility in Water:** Soluble **V.O.C. Content (by weight):** <0.5% (<5g/L)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None known.

Incompatibility: None known.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Not established.

SECTION 12: ECOLOGICAL INFORMATION

Not established.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Information: Discarded product is not hazardous waste according to RCRA, 40 CFR 261. Dispose of in compliance with all Federal, state and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

DOT EMERGENCY 24-HR: 1-888-322-0912

U.S. DOT Hazard Class: 8

Packing Group: III

PROPER SHIPPING NAME: Corrosive liquid, basic, inorganic, n.o.s. (contains potassium hydroxide), UN3266

DOT LABEL (1.3 gallon or less): Consumer Commodity, ORM-D

SECTION 15: REGULATORY INFORMATION

There are no components in this product currently reportable or listed as carcinogens by NTP, IARC or OSHA; on CERCLA (Comprehensive Environmental Response, Compensation and Liability Act of 1980); on SARA Title III, Sections 302/304; on SARA Title III, Section 313; on MASSACHUSETTS Right-to-Know; on MICHIGAN Critical Materials; on NEW JERSEY Right-to-Know; or on PENNSYLVANIA Right-to-Know. All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Title III Sections 311/312:

Chemical Name	CAS#	*Hazard Categories
Sodium metasilicate	6834-92-0	A
Tetrasodium ethylenediamine-tetraacetate	64-02-8	A, C
Potassium Hydroxide	1310-58-3	A, R

*The five hazard categories are as follows: F=FIRE HAZARD; S=SUDDEN RELEASE OF PRESSURE; R=REACTIVE; A=IMMEDIATE (ACUTE) HEALTH HAZARD; C=DELAYED (CHRONIC) HEALTH HAZARD

CALIFORNIA Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

Warning: This product contains a chemical known to the State of California to cause cancer:

Chemical Name	CAS#	Amount
Formaldehyde	50-00-0	40 ppm

SECTION 16: OTHER INFORMATION

This product is NSF Nonfood Compounds Program Listed. It is acceptable for use in inedible processing areas, nonprocessing areas, and/or exterior areas of food processing establishments. When used on equipment that will be returned to a food processing area, the product must be completely washed off and rinsed with potable water before returning to the processing area. (NSF Registration No. 140662, Category Code C1)

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Staples at 1-888-322-0912 or visit our website at www.staples.com. Keep MSD Sheets filed and organized in an area accessible to workers according to the OSHA Hazard Communication Standard.

All information contained in this Material Safety Data Sheet is provided to the best of Staples Contract & Commercial, Inc's knowledge. No warranty is made with respect to this information, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the MSDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this MSDS. This MSDS was prepared for the sole purpose of compliance with the Occupational Safety and Health Administration's Hazard Communication Standard and that is its only intended use.