

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

**MANUFACTURER:** Griffin Bros., Inc  
P.O. Box 7719  
Salem, OR 97303

**INFORMATION:** (800) 456-4743

**EMERGENCY PHONE:** CHEMTREC: (800) 424-9300

**PRODUCT NAME:** The Klinger

**PRODUCT NUMBER:** G-192

**DATE PREPARED:** 06/27/2015

**LAST REVISION:** 06/27/2015

**Uses:** All Purpose Degreaser, Cleaner

**Use Restrictions:** None known

PURE:  LIQUID:

MIXTURE:  SOLID:

## 2. HAZARDOUS IDENTIFICATION:

**EMERGENCY OVERVIEW:** Irritating

**GHS CLASSIFICATION:** Skin: (Category 2) Eyes: (Category 2A) Acute Toxicity Oral: (Category 5)

**GHS Label elements, including precautionary statements**

**SIGNAL WORD:** Warning **PICTOGRAM:**



**HAZARD STATEMENT(S):**

H303: May be harmful if swallowed  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H332: May Be Harmful if inhaled

**PRECAUTIONARY STATEMENT(S):**

P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.  
P304+P340: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.  
P305 +P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 IF SKIN irritation or rash occurs: Get medical advice/attention.  
P337+P313: IF eye irritation persists: Get medical advice/attention.

## POTENTIAL HEALTH EFFECTS

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**EYE CONTACT:** Can cause severe eye irritation or damage  
**INHALATION:** Can damage nasal and respiratory passages  
**INGESTION:** Swallowing this product can be irritation and may cause damage to the gastrointestinal tract  
**SKIN CONTACT:** Vapors, liquid and mists are irritants to the skin. Prolonged contact may cause reddening.  
**SIGNS AND SYMPTOMS OF EXPOSURE:** Irritation, pain, coughing, redness of skin.  
**PHYSICAL HAZARD:** None Known

## 3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name	CAS #	Wt. Range %
2-BUTOXYETHANOL	111762	5 – 10%
ETHOXYLATED NONYLPHENOL	9016-45-9	1 – 5%
Balance of formula contains non-regulated, and/or proprietary, ingredients		

## 4. FIRST AID MEASURES:

**GENERAL ADVICE:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**EYE CONTACT:** Immediately flush eyes with water for at least 15 minutes. Hold eyelids open while flushing the eyes.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**INGESTION:** If swallowed, do NOT induce vomiting. Give victim lots of water or milk. Get medical attention immediately. Never give anything by mouth to an unconscious or convulsing person.

**SKIN CONTACT:** Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing eye, skin or respiratory conditions.

**SUPPLEMENTAL HEALTH INFORMATION:** The effects of long-term, low-level exposure to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

## 5. FIRE FIGHTING MEASURES:

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:**  
Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.

**COMBUSTION PRODUCTS:** None known.

**6. ACCIDENTAL RELEASE MEASURES:**

**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:** Do not walk through any spills without wearing proper safety attire. High risk of slipping due to leakage/spillage of product. Small spills: Mop up, wipe up or soak up immediately. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Or soak up with inert material and shovel into poly drums for disposal.

**7. HANDLING AND STORAGE:**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Do not handle until all safety precautions have been read and understood. Protect from freezing. Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet. Wear personal protection as required per safety program. Follow all SDS/label precautions even after container is emptied.

**OTHER PRECAUTIONS:** For industrial and institutional use only. Keep away from children. Keep containers closed while not in use.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION:**

**EXPOSURE CONTROLS:** Contains no additional substances with occupational exposure limit values other than those listed below.

Chemical Name	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
2- BUTOXYETHANOL	25ppm (120mg/m3) SKIN		20ppm (96mg/m3) SKIN	

**PERSONAL PROTECTIVE EQUIPMENT**

**RESPIRATORY PROTECTION:** Wear a NIOSH/MSHA approved respirator appropriate for vapor concentration at point of use.

**VENTILATION:** Local exhaust sufficient to keep exposure below TLV.

**WORK/HYGENIC PRACTICES:** Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

**EYE PROTECTION:** Use chemical safety goggles and/or full face shield when splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas

**PROTECTIVE GLOVES:** Rubber or other impervious material with gauntlets. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

**OTHER PROTECTIVE EQUIP:** Boots, apron, lab coat or coveralls of impervious material, as appropriate to avoid skin contact.

**ENGINEERING CONTROLS:** Facilities storing or utilizing this material should be equipped with an eye wash facility and safety shower.

**9. PHYSICAL AND CHEMICAL PROPERTIES:****INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

a) Appearance: Blue Liquid	k) Vapor pressure (mm/hg): No data available
b) Odor: Lemon	l) Vapor density (Air = 1): No data available
d) pH: 10.5 +/- 0.5	m) Relative density (Specific Gravity): 1.08
e) Melting point/freezing point: No data available	n) Water solubility: Complete
f) Initial boiling point and boiling range: 214°F	p) Auto-ignition temperature: n/a
g) Flash point: n/a Method Used: n/a	r) Viscosity: No data available
h) Evaporation rate: No data available	-) Pounds Per Gallon: 9
j) Upper/lower flammability or explosive limits: UEL: n/a LEL: n/a	OTHER: No other data is available for this product. . . .

**10. STABILITY AND REACTIVITY:**

**STABLE:** Stable under recommended storage conditions.

**INCOMPATIBILITY:** Strong Oxidizing Agents, Acids

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Oxides of Carbon

**HAZARDOUS POLYMERIZATION:** Will Not Occur **CONDITIONS TO AVOID:** Contact with incompatible materials.

**11. TOXICOLOGICAL INFORMATION:** None of the components of this product are listed as carcinogens. No other data available.

**12. ECOLOGICAL INFORMATION:** Keep out of waterways

**13. DISPOSAL CONSIDERATIONS:** Dilute with large amounts of water and dispose to municipal or industrial waste treatment facility in accordance with applicable regulations.

**14. TRANSPORT INFORMATION:**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	-	Non-Regulated Material, Liquid	--	--

**15. REGULATORY INFORMATION:** No data available

**16. OTHER INFORMATION:**

**HMS INFORMATION: HEALTH: 1 FLAMMABILITY: 0 PHYSICAL HAZARD: 0 PROTECTIVE: B**

**NFPA INFORMATION: TOXICITY: 1 FIRE: 0 REACTIVITY: 0 SPECIAL: N**

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