



The Clorox Company
 7200 Johnson Drive
 Pleasanton, California 94588
 Tel. (510) 847-6100

**Material Safety
 Data Sheet**

35296

I Product: CLOROX® PROFESSIONAL SYSTEM™ FORMULA 409® HEAVY DUTY DEGREASER		
Description: GREEN LIQUID WITH GREEN WOODY ODOR		
Other Designations	Distributed by	Emergency Telephone No.
	The Clorox Professional Products Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call Rocky Mountain Poison Center: 1-800-446-1014 For Transportation Emergencies, call: Chemtrec: 1-800-424-9300

II Health Hazard Data

WARNING: EYE AND SKIN IRRITANT. Direct eye contact, or prolonged and repeated skin contact with liquid is expected to cause significant, but reversible, irritation. Harmful if swallowed. Overexposure to this product may cause the Worker Exposure Limit of 2-butoxyethanol (ethylene glycol monobutyl ether) to be exceeded. Reports have associated blood and bone marrow damage with exposure to 2-butoxyethanol.

FIRST AID: EYE CONTACT: Immediately rinse eyes with water for 15 minutes. Call a physician. **SKIN CONTACT:** Wash skin thoroughly with soap and water. **IF SWALLOWED:** Drink a glassful of water. Call a physician. **INHALATION:** As with any chemical, avoid inhalation of vapors. Move to fresh air if breathing is effected.

No medical conditions are known to be aggravated by exposure to this product. No adverse health effects are expected under intended use conditions.

III Hazardous Ingredients

Ingredient	Concentration	Worker Exposure Limit
2-butoxyethanol CAS # 111-76-2	5-10%	25 ppm TLV-TWA 25 ppm PEL
Sodium hydroxide CAS # 1310-73-2	0.1-0.5%	2 mg/m ³ -TLV Ceiling Limit

TLV-TWA = ACGIH Threshold Limit Value-Time Weighted Average, Skin Notation
 PEL = Permissible Exposure Limit- OSHA
 TLV-Ceiling limit = ACGIH Threshold Limit Value- Ceiling Limit

None of the ingredients in this product is on the IARC, NTP or OSHA carcinogen list.

IV Special Protection and Precautions

Hygienic Practices: In manufacturing settings wear safety glasses and a chemical apron. During repeated or prolonged use, wear nitrile, neoprene, or natural rubber gloves. Wash hands after contact with product. Avoid breathing vapors.

Engineering Controls: In manufacturing settings, use general ventilation to minimize exposure to vapor or mist.

Work Practices: Avoid eye contact. Minimize skin contact and inhalation of vapor or mist. Discontinue use if irritation develops.

Not recommended for use on soft vinyl, varnishes or aluminum. If sprayed on these surfaces, rinse and wipe dry immediately.

KEEP OUT OF THE REACH OF CHILDREN.

V Transportation and Regulatory Data

U.S. DOT Hazard Class: Not restricted
U.S. DOT Proper Shipping Name: Cleaning Compound, Liquid- not restricted.
EPA - SARA Title III/CERCLA:
 This product is a hazardous chemical reportable under Sections 311/312 and contains chemicals regulated under Section 313 (ethylene oxide = trace, glycol ethers <10%); and contains chemicals (glycol ethers < 10%, ethylenediaminetetraacetic acid < 1.0%, ethylene oxide = trace, and sodium hydroxide < 0.5%) which are regulated under Section 304/CERCLA.
TSCA Status: All component of this product are on the TSCA Inventory.

VI Spill or Leak Procedures

Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.

VII Reactivity Data

Stable under normal use and storage conditions.

VIII Fire and Explosion Data

Flashpoint (Setflash) 105°F

IX Physical Data

Specific Gravity (H₂O=1) =1.0
 Solubility in Water complete
 pH =12.5