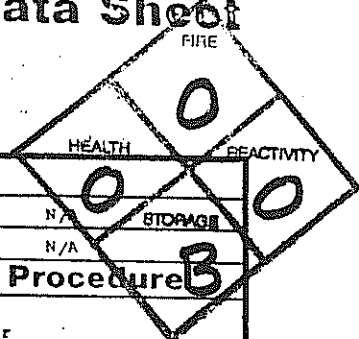




The Clorox Company
7200 Johnson Drive
Pleasanton, California 94566
Tel. (415) 847-6100

Material Safety Data Sheet



I Chemical Identification

NAME: FORMULA 409 ALL PURPOSE CLEANER

CAS no. N/A

DESCRIPTION: GREEN LIQUID

RTECS no. N/A

Other Designations

Manufacturer

Emergency Procedure

Spray and Wipe
(Formula 2)

The Clorox Company
1221 Broadway
Oakland, CA 94612

Notify your Supervisor
Call your local poison control center
or
Rocky Mountain Poison Center
(303) 573-1014

II Health Hazard Data

Testing of this material indicates that it is neither a skin or eye irritant nor an acute hazard by ingestion or inhalation. Repeated or prolonged overexposure to this product may cause the Worker Exposure Limit of ethylene glycol monobutyl ether to be exceeded. Reports have associated blood and bone marrow damage with exposure to ethylene glycol monobutyl ether. No medical conditions are known to be aggravated by exposure to this product. This product has been evaluated under the standards and labeling requirements of the Federal Hazardous Substances Act (FHSA) of the Consumer Product Safety Commission. Under normal consumer use conditions the likelihood of any adverse health effects are low.

III Hazardous Ingredients

Ingredient	Concentration	Worker Exposure Limit
Ethylene Glycol	0.5-5%	25 ppm TLV-TWA
Monobutyl Ether		75 ppm TLV-STEL
CAS # 111-76-2		50 ppm, 240 mg/m PEL

Substance can be absorbed through the skin and may contribute to overall exposure.
None of the materials in this product are on the IARC, OSHA or NTP carcinogen lists.
TLV-TWA= Threshold Limit Value - Time Weighted Average.
Source: ACGIH 1985-86.
TLV-STEL= Threshold Limit Value - Short Term Exposure Limit.
Source: ACGIH 1985-86.
PEL= Permissible Exposure Limit. Source: OSHA.

IV Fire and Explosion Data

Not flammable or explosive. Extinguishing media determined by surrounding fire.

V Special Protection Information

In an occupational environment the following practices may be necessary:

Hygienic Practices: Wear gloves.

Engineering Controls: If necessary, open windows or use fan, to keep exposure level below the Worker Exposure Limit.

Work Practices: Minimize skin contact and inhalation of vapor or mist.

VI Spill or Leak Procedures

Small quantities of less than 5 gallons may be flushed down the drain. For larger quantities wipe up with an absorbent material or mop and dispose of in accordance with local, state and federal regulations.

VII Reactivity Data

Stable under normal use and storage conditions.

VIII Special Precautions

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

IX Physical Data

pH-----12.4
Solubility in water-----complete
Specific Gravity (H₂O=1)-----1.015

Storage - A