

# OSU COLLEGE OF BIOLOGICAL SCIENCES MSDS FILE

## Material Safety Data Sheet

### Formula 409 Glass & Surface Cleaner

**NSN:** 793000F048884  
**Manufacturer's CAGE:** 93098  
**Part No. Indicator:** A  
**Part Number/Trade Name:** 409 Glass & Surface Cleaner

#### General Information

**Company's Name:** Clorox Co (Headquarters)  
**Company's Street:** 1221 Broadway  
**Company's P. O. Box:** 24305  
**Company's City:** Oakland  
**Company's State:** CA  
**Company's Country:** USA  
**Company's Zip Code:** 94612  
**Company's Emerg Ph #:** 510-847-6100  
**Company's Info Ph #:** 510-847-6796  
**Distributor/Vendor # 1:** The Clorox Co  
**Distributor/Vendor # 1 Cage:** CLORO  
**Record No. For Safety Entry:** 001  
**Tot Safety Entries This Stk#:** 001  
**Status:** SE  
**Date MSDS Prepared:** 01 Sep 94  
**Safety Data Review Date:** 18 Jul 96  
**Preparer's Company:** Clorox Co (Headquarters)  
**Preparer's St Or P. O. Box:** 1221 Broadway  
**Preparer's City:** Oakland  
**Preparer's State:** CA  
**Preparer's Zip Code:** 94612  
**MSDS Serial Number:** BZTZY

#### Ingredients/Identity Information

**Proprietary:** No  
**Ingredient:** Isopropanol (isopropyl alcohol), 2-propanol, dimethyl carbinol (IARC Cancer Review Group 3) \*96-2\*  
**Ingredient Sequence Number:** 01  
**Percent:** 2-9  
**NIOSH (RTECS) Number:** NT8050000  
**CAS Number:** 67-63-0  
**OSHA PEL:** 400 PPM  
**ACGIH TLV:** 400 PPM  
**Other Recommended Limit:** 400 PPM

#### Physical/Chemical Characteristics

**Appearance And Odor:** Clear purple liquid.

**Specific Gravity:** 0.981

**Solubility In Water:** Complete

**pH:** 9.5

### Fire and Explosion Hazard Data

**Flash Point:** 105F

**Flash Point Method:** CC

**Unusual Fire And Expl Hazrds:** Product doesn't ignite when exposed to open flame.

### Reactivity Data

**Stability:** Yes

**Hazardous Poly Occur:** No

### Health Hazard Data

**Route Of Entry - Inhalation:** No

**Route Of Entry - Skin:** No

**Route Of Entry - Ingestion:** No

**Health Haz Acute And Chronic:** Eyes: irritation. temporary conjunctival redness.

**Carcinogenicity - NTP:** No

**Carcinogenicity - IARC:** No

**Carcinogenicity - OSHA:** No

**Explanation Carcinogenicity:** None

**Signs/Symptoms Of Overexp:** Eyes: irritation, temporary conjunctival redness.

**Emergency/First Aid Proc:** Eyes: flush thoroughly w/water. Skin: wash w/water. Ingestion: drink a glassful of water. Inhalation: remove to fresh air. Obtain medical attention in all cases.

### Precautions for Safe Handling and Use

**Steps If Matl Released/Spill:** Absorb & containerize. wash residual down to sanitary sewer. contact the sanitary treatment facility in advance to assure ability to process washed down material.

**Waste Disposal Method:** Dispose of material in accordance with IAW/Federal, state & local regulations.

**Precautions-Handling/Storing:** Don't use on aluminum. On painted surfaces & wall coverings, test a small inconspicuous area before use.

**Other Precautions:** Minimize skin contact & inhalation of vapor/mist.

### Control Measures

**Ventilation:** General ventilation

**Protective Gloves:** Recommended

**Eye Protection:** Safety glasses

## Transportation Data

## Disposal Data

## Label Data

**Label Required:** Yes

**Label Status:** G

**Common Name:** 409 Glass & Surface Cleaner

**Special Hazard Precautions:** Eyes: irritation. temporary conjunctival redness. Eyes: irritation, temporary conjunctival redness.

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**Label State:** CA

**Label Zip Code:** 94612

**Label Country:** USA

**Label Emergency Number:** 510-847-6100

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