



**The Clorox Company**

1221 Broadway  
Oakland, CA 94612  
Tel. (510) 271-7000

**Material Safety  
Data Sheet**

**I Product:** FORMULA 409® ORANGE POWER

**Description:** CLEAR YELLOW TO ORANGE LIQUID WITH FRESH ORANGE AROMA

Other Designations	Distributor	Emergency Telephone Nos.
	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call (800) 446-1014 For Transportation Emergencies, call Chemtrec (800) 424-9300

**II Health Hazard Data**

**CAUTION:** EYE IRRITANT. Avoid eye and prolonged skin contact. Do Not ingest.

**FIRST AID:**

**EYE CONTACT:** Immediately flush eyes with plenty of water. If irritation persists, see a doctor.

**SKIN CONTACT:** Wash with water. Seek medical attention if irritation develops or persists.

**INGESTION:** Drink a glass full of water. Call physician. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.

**INHALATION:** If breathing problems develop remove to fresh air. Seek medical attention if respiratory irritation develops or breathing becomes difficult.

**KEEP OUT OF REACH OF CHILDREN**

**III Hazardous Ingredients**

Ingredients	Concentration	Worker Exposure Limit
Alkyl (C <sub>12</sub> 40%; C <sub>14</sub> 50% C <sub>16</sub> 10%) dimethyl benzyl Ammonium chloride CAS# 68424-85-1	< 0.3%	Not Established
Isopropanol CAS# 67-63-0	< 2.0%	400ppm/500ppm <sup>1</sup> 400ppm <sup>2</sup>

<sup>1</sup> 1998 ACGIH, TLV-TWA/STEL  
TLV-TWA: Threshold Limit Value – Time Weighted Average  
STEL: Short Term Exposure Limit

<sup>2</sup>PEL: OSHA Permissible Exposure Limit

None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.

**IV Special Protection and Precautions**

**Hygienic Practices:** Wear safety glasses. With repeated or prolonged use, wear gloves.

**Engineering Controls:** Use general ventilation to minimize exposure to vapor or mist.

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

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

**V Transportation and Regulatory Data**

**DOT:** Not restricted per 49 CFR 173.120(a)(3) and Appendix H

**IMDG:** Not restricted per IMDG Code Page 0016 Paragraph 5.1.3.1.1

**IATA:** Not restricted per IATA D.G.R. Sections 3.3.1.2 and 3.3.5

**EPA-SARA Title III/CERCLA:** This product contains chemicals (ethylenediaminetetraacetic acid <1.0% and potassium hydroxide < 0.05%) regulated under Section 304/CERCLA.

**TSCA:** All components of this product are on the TSCA inventory.

**VI Spill Procedures/Waste Disposal**

**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**

**Flash Point:** 113°F

**Fire Extinguishing Agents:** Foam, Dry Chemical, Water, CO<sub>2</sub>

**IX Physical Data**

pH.....10.6  
Solubility in Water..... complete  
Specific Gravity.....0.9975

