

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: GREEN RINSE		WHMIS Classification: SLIGHT	
Product Use: FLOOR NEUTRALIZER			
Manufacturer's Name: CALIFORNIA CHEMICAL COPR CAL CHEM.		Suppliers Name	
Street Address: 2915 29TH AVENUE SW #E		Street Address	
City: TUMWATER	Province: / State WA.	City	Province
Zip Code: 98512	Emergency Telephone: 1-800-535-5053	Postal Code	Emergency Telephone
Date MSDS Prepared: JANUARY 2010	MSDS Prepared by: CALIFORNIA CHEMICAL CORP		Phone Number: 360.786.0364

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
CITRIC ACID (FOOD GRADE)	10	77-92-9	N/AP	N/AP
MALIC ACID (FOOD GRADE)	7	6915-15-7	N/AP	N/AP
PHOSPHORIC ACID	20	7664-38-2	N/AP	N/AV
WATER	63	7732-18-5	N/AV	N/AV

SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
[Emergency Overview]
[WHMIS Symbols]
[Potential Health Effects] May cause burns to exposed tissue.

SECTION 4 - FIRST AID MEASURES

Skin Contact Wash with soap and water. If irritation persists seek medical attention
Eye Contact Flush with copious amounts of potable water for 15 minutes. Seek medical attention immediately.
Inhalation: Remove to fresh air. If discomfort persists obtain medical attention.
Ingestion Rinse mouth with water. NO NOT INDUCE vomiting. Seek Medical Attention

SECTION 5 - FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		If yes, under which conditions?	
Means of Extinction As for surrounding Fire. Normal Fire - Fighting Procedures			
Flashpoint (°C) and Method None	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP	
Autoignition Temperature (°C) N/AV	Explosion Data - Sensitivity to Impact NO	Explosion Data - Sensivity to Static Discharge NO	
Hazardous Combustion Products REACT WITH METALS TO PRODUCE HYDROGEN GAS WHICH IS FLAMMABLE			CAN
[NFPA] NONE			

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures USE APPROPRIATE SAFETY EQUIPMENT, DIKE AREA, COLLECT FOR DISPOSAL

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment AVOID CONTACT WITH METALS, WEAR IMPERVIOUS CLOTHING USE ADEQUATE VENTILATION
Storage Requirements COOL, DRY, WELL VENTILATED AREA

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits N/AV <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation enclosed process) Normal ventilation
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Neoprene OR Rubber Safety glasses or goggles. Impervious

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance light green odorless liquid	Odour Threshold (ppm) N/AP
Specific Gravity 1.3	Vapour Density (air = 1) < 1	Vapour Pressure (mmHg) 8.2
Evaporation Rate N/AV	Boiling Point (°C) >100°C	Freezing Point (°C) <0°C
pH: 3.0±0.8	Coefficient of Water / Oil Distribution N/AP	[Solubility in Water]

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidizing agents
Reactivity, and under what conditions? Flammable hydrogen gas may be produced on contact with metals such as aluminum, tin, lead, zinc	
Hazardous Decomposition Products None	

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Slightly toxic on skin. Corrosive upon eye contact	
Effects of Chronic Exposure May cause burns to exposed tissue	
Irritancy of Product contact with eyes / skin	
Skin Sensitization N/AV	Respiratory Sensitization
Carcinogenicity - IARC No	Carcinogenicity - ACGIH No
Reproductive Toxicity N/A	Teratogenicity N/A
Embryotoxicity	Mutagenicity No genetic change in standard test using bacterial cells
Name of Synergistic Products / Effects N/AV	

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity Mobility: N/A Persistence: N/A Bioaccumulative: N/A

Aquatic Toxicity: Acute fish toxicity. LD₅₀=138 mg/L/96 hours. Mosquito fish

Acute Crustaceans Toxicity= N/A Acute Algae Toxicity= N/A

BOD and COD = N/A. Other information: Material is practically non toxic to fish on an acute basis.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal

According to local, provincial and federal government requirements

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information:

Normal procedures. Keep from freezing.

PIN

TDG: N/AP

[DOT]

[IMO]

[ICAO]

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification] Class D Div 2 Materials causing other toxic effects and Class E Corrosive Materials



[OSHA]

[SERA]

[TSCA]

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR

SECTION 16 - OTHER INFORMATION

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.