

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

SECTION I – PRODUCT IDENTIFICATION

Manufacturer's Name: MKG Sales Associates, Inc. Address: Medford Industrial Park 130 Miller Road Medford, NJ 08055	Identity (trade name as used on label): Citra Crystals
Chemical Family: Cleaning Compound	D.O.T. Class: Corrosive solid, basic, inorganic, N.O.S., 8, UN3262, II (contains sodium metasilicate)
Date Prepared: 9/4/98 Prepared By: MTS	MSDS Number: 2030400
Information Calls: (609)953-4700 EMERGENCY RESPONSE NUMBER: 800-424-9300	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

SECTION II – HAZARDOUS INGREDIENTS

Hazardous Components	CAS Number	OSHA PEL	ACGIH TLV	OTHER LIMITS (%)
Sodium Metasilicate	6834-92-0	2mg/m3	2mg/m3	
2-Butoxyethanol	11-76-2	25 ppm	(skin)	

SECTION 313 – SUPPLIER NOTIFICATION

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°F): N/A	Specific Gravity (H2O=1)(±0.005): N/A	pH(±0.5): N/A
Vapor Pressure (mm Hg): N/A	Vapor Density (Air = 1): N/A	
Solubility in Water: (X) Complete () Insoluble () Emulsifiable (or Dispersible) () Slight (or Partial)		
Evaporation Rate (vs. H2O): N/A		
Appearance and Odor: Orange powder, makes green solution; solvent odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): None	Flammable Limits: Upper N/A	Lower N/A
Extinguishing Media: As required by surrounding fire.		
Special Firefighting Procedures: Wear self-contained full-face breathing apparatus.		
Unusual Fire and Explosion Hazards: None known		

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Extreme temperatures
Polymerization: Will not occur	Conditions to Avoid: None
Incompatible Materials: Strong acids and oxidizers	Hazardous Decomposition or By-Products: CO, CO2

SECTION VI - HEALTH HAZARDS

Threshold Limit Value: Not established
Carcinogenicity: NTP/IHRC/OSHA: NO / NO / NO IARC Monographs: NO OSHA REGULATED: No
Health Hazards Acute/Chronic: Moderate to severe irritation and possible tissue damage to eyes depending on exposure. Nausea, vomiting and diarrhea may occur upon ingestion. Prolonged skin contact may cause moderate irritation, defatting and dermatitis.
EMERGENCY AND FIRST AID PROCEDURES:
Eyes: Flush eyes immediately with large amounts of water for 15 minutes lifting eyelids occasionally. Get medical attention.
Skin: Remove contaminated clothing and wash with plenty of water and soap.
Ingestion: Give large quantities of water then several glasses of milk. Get medical attention immediately. Induce vomiting.
Inhalation: Move to fresh air. Consult physician if symptoms persist.

SECTION VII- CONTROL MEASURES

Respiratory Protection: Dusk mask if necessary.	
Ventilation Requirements: Use adequate ventilation.	
Protective Gloves: Recommended	Eye Protection: Recommended
Other Protective Measures: Wash hands thoroughly after use.	

SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken if Released or Spilled: Keep water away from spill. Sweep and scoop to recover.
Waste Disposal Methods: Dispose of in accordance with Federal, State and Local ordinances.
Precautions to be Taken in Handling and Storage: Store in a cool, dry place. Keep container closed when not in use. Keep out of reach of children.
Other Precautions: Overexposure to 2-Butoxyethanol may cause kidney, liver and red blood cell injury. May penetrate skin.

Disclaimer: The manufacturer believes that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.