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MATERIAL SAFETY DATA SHEET Date: 8/10/04

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910. 1200.
Standard must be consulted for specific requirements.

SECTION I PRODUCT IDENTIFICATION

Product Name: Crystal Plex
EPA Reg. Number: 72536-1-72838
Emergency Phone: 800-424-9300
Date: 5/21/07

SECTION II HAZARDOUS INGREDIENTS IDENTIFICATION

NFPA HAZARDS RATING

Fire 0
Toxicity 0
Reactive 1

<u>COMPONENT</u>	<u>PERCENTAGE</u>	<u>OSHA-PEL</u>	<u>OTHER LIMITS RECOMMENDED</u>
Copper CASRN 7440-50-8 (Form Copper Sulfate Pentahydrate)	5. %	NA	NA
*Sulfuric Acid CASRN 7664-93-9			
*Corrosive to Metals and some Fabrics,	<5. %	TWA 1 mg/M	IDLH 80 mg/M

NON HAZARDOUS INGREDIENTS.....95. %
TOTALS 100 %

SECTION III PHYSICAL / CHEMICAL DATA

APPEARANCE AND ODOR: Clear blue liquid; odorless
BOILING POINT: 220 degrees F
VAPOR PRESSURE (MM Hgt): N/A
EVAPORATION RATE: N/A
***pH:** 0.2 – 1.5 * Non-Corrosive To Human and Animal Tissue
MELTING POINT: N/A
SOLUBILITY IN WATER: Completely Soluble.
VAPOR DENSITY (AIR=1): N/A
SPECIFIC GRAVITY: 1.19

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None
FLAMMABLE LIMITS: None
SPECIAL FIREFIGHTING PROCEDURES: None.
UNUSUAL FIRE OR EXPLOSION HAZARDS: None Known

SECTION V REACTIVITY DATA

STABILITY: The product is stable
INCOMPATILITY (Materials to avoid): High pH Solutions, Strong Bases. Corrosive To Some Metals and Fabrics.
HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: Sulfuric Acid Fumes May Be Thermal Decomposition.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI**HEALTH HAZARD DATA**

HEALTH HAZARDS: Avoid contact with eyes – irreversible eye damage may result. Avoid prolonged contact with skin. May cause skin irritation. Sulfur (Acute and Chronic) Allergies may occur.

SIGNS AND SYMPTOMS OF EXPOSURE: Allergies may occur. Skin irritation may occur. Avoid prolonged body contact (Always use protective clothing).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Sulfur allergies may occur.

EMERGENCY AND FIRST AID PROCEDURES: Treat as a sulfur base reaction. Always move to fresh air. Wash skin area with potable water.

SECTION VII**PRECAUTIONS FOR SAFE HANDLING AND USE**

SREPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Flush with water into a retaining area. Contain and neutralize with bicarbonate of soda or limestone.

WASTE DISPOSAL METHOD: Neutralize with bicarbonate of soda or fertilizer grade limestone and dispose of in accordance with all applicable local, state, & federal environmental regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid storage in excessive heat – expansion of container may occur creating spillage.

OTHER PRECAUTIONS: Do not store in nylon or galvanized equipment. Concentrate will destroy nylon and cotton cloth.

SECTION VIII**CONTROL MEASURES (PPE)**

RESPIRATORY PROTECTION: ADEQUATE LOCAL VENTILATION.

VENTILATION: YES

LOCAL EXHAUST: YES

PROTECTIVE GLOVES: YES/MILD IRRITATION MAY OCCUR

EYES PROTECTION: YES

WORK HYGIENE PRACTICES: WASH WITH WATER.

SECTION XIII**TRANSPORTATION INFORMATION**

DOT SHIPPING NAME: Corrosive liquid, acidic, inorganic, n.o.s. (contains sulfuric acid)

DOT HAZARD CLASS: 8

UN/NA #: UN2796**

PACKING GROUP: II

** Less Than 51% Sulfuric Acid