UNUSUAL FIRE AND EXPLOSION HAZARDS D.O.T. SPECIAL FIREFIGHTING PROCEDURES Extinguisher Media Solubility in Water Boiling Point (°F) Synonyms Vapor Density (Air = 1) Appearance and Odor Vapor Pressure (mm Hg) Melting Point (°F) Principal Hazardous Component(s) lash Point Method Used) C.A.S. No. Unit(s) Size Formula Product SECTION SECTION III PHYSICAL DATA SECTION OTHER REGULATED MATERIAL-E AVOID CONTACT WITH EYES, SKIN, OR CLOTHING MARNING! HARMFUL IF SMALLOWED Zinc Sulfate; Heptahydrate IV FIRE A Use any media suitable for extinguishing supporting fire Non-flammable (NA) _ZING_SULFATE__HEPTAHYDRATE 100, 500 grams, 2.5 kg. Zn:504:7H20_ Zinc Sulfate, Heptahydrate HAZARDOUS INGREDIENTS OF MIXTURES MATERIAL SAFETY DATA SHEET 611/11. 1986 166_grams_per_100_ml H20_at_20°C Negliqible as solid 212°F (100°C) dec. above 500°C fire or excessive heat may produce hazardous decomposition In fire conditions, wear a NIOSH-approved self-contained breathing apparatus. AND EXPLOSION HAZARD DATA USE WITH ADEQUATE VENTILATION % by Volume NA **Evaporation Rate** Percent Volatile by Volume (%) Specific Gravity (H,0 = 1) **HAZARD RATING** LE AST PLICHT 2007 Night 716-226-6177 CHEMTREC 800-424-9300 % = 1) Non-volatile (NA) MODERATE 1.957 (25/4°C) Non-volatile (NA) None established TLV Units HIGH EXTREME Reactivity 000986 Health Fig Other Precautions Threshold **Protective Gloves** Other Protective Equipment Waste Disposal Method Hazardous May Occur Emergency and First Ald Procedures 모 SECTION VII SPILL OR

SECTION V... HEALTH HAZARD DATA

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is la	9.9	ects of Overexposure p	1	Mone established. (ACGIH 1983-84).
EYES: Way irritate eyes. SKIN: Zinc sulfate in an open skin lesion or cut can cause as the cause.	Pain in mouth, esophagus and stomach. Diarrhea with "colicky" abdominal pain.	compt vomiting fusually within dies	Toxicity: Oral (Rat) LOSO: 2200 mg/kg.	one established. (ACGIH 1983-84).

INGESTION: If shallowed, if conscious, give one or two glasses of water to drink. Call physician immediately. \underline{SKIN} : Flush with water, then wash with soap and water, \underline{EXES} : Immediately flush thoroughly with water for 15 m immediately flush thoroughly with water for 15 minutes.

mmediate medical attention.

Hazardous Polymerization **Decomposition Products** Stability Unstable Stable Incompatibility (Materials to avoid) SECTION VI Will Not Occur REACTIVITY DATA None known Thermal decomposition or burning may produce oxides of sulfur (SO $_{ m x}$). Conditions to Avoid **Conditions to Avoid** Deliquescept. Excessive heat and noisture

Steps to be taken in case material is released or spilled <u>Small amounts</u>: Dissolve in water and flush to sewer with copious amounts of water. Wash spill area with soap and PROCEDURES 经经济的 医多种性神经病 soap and water.

Discharge, treatment, or disposal may be subject to federal, state, or local laws. or contract with a licensed waste disposal service. large amounts: Ofspose of in an approved chemical landfill

| Specify Type) | Rone Should be needed in normal laboratory handling. If dusty conditions prevail. | Ventilation | Local Exhaust | Rone needed | Special | No. | SECTION VIII SPECIA L PROTECTION INFORMATION

Rubber Recommended Eye Protection Chemical safety glasses.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken In Handling and Storing

seep container tightly closed when not in use Store in a cool, dry place. Wash thoroughly after handling.

Read label on container before using

Efflorescent in dry air

For laboratory use only. Not for drug, food or household use. Keep out of reach of children

//2/97 Approved // Chemical Safety Coordinator

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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

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