

MATERIAL SAFETY DATA SHEET

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INFOTRAC:
800) 535-5053

By: IMAGE TECHNOLOGY

Section I _____ General Information

Product: Discharge Agent **Range:** 0=Minimal
4=Severe **Product Number:** Discharge agent

HEALTH
1
FIRE REACT
1 0

Manufacturer:
IMAGE TECHNOLOGY
1380 knollwood circle
Anaheim ca 92801
(714) 252-0160

UN number:
N/A

Special: Observe good industrial hygiene when handling

Section II _____ Hazardous Ingredients

CHEMICAL	CASE Number	Percent By Volume	Exposure Limits In Air (ACGIH(TLV) OSHA(PEL))
Zinc formaldehyde	111-90-0	< 95 %	100 pp N/A ppm

Section III _____ Health Hazard Data

Effects of Overexposure

Skin: Contact of this product upon the skin can cause slight irritation and/or defatting of the skin due to the removal of the skins natural oils.

Eyes: Contact of this product upon the eyes can cause slight irritation and/or dehydration of the eyes and eyelids.

Inhalation: Fumes from this product are not know to cause problems in an adequately ventilated area.

Ingestion: When concentrated solutions of this product are swallowed, it can cause severe irritation and/or defatting of the mouth, esophagus, stomach, and intestinal tract. Other symptoms of ingestion include nausea, dizziness, double vision, headaches, and vomiting.

First Aid Procedures

Skin: Flush exposed area with lukewarm water for 15 minutes. If defatting occurs, skin lotion is advised. Consult physician immediately.

Eyes: Flush eyes with cool water for 30 minutes. Consult physician immediately.

Inhalation: Remove patient to clean atmosphere and administer oxygen if it is available. Consult a physician immediately.

Ingestion: Induce vomiting. Have patient drink large amounts of milk or water. Consult a physician immediately.

Carcinogens

FED/OSHA: N NTP: N IARC: N CAL/OSHA: N

Section IV _____ Spill, Leak, and Disposal Procedures

Spill Control

Small Spill: Contain spill with dikes of absorbent materials.

Large Spill: Contain spill with dikes of absorbent materials such as clay, sand, or vermiculite place in a container. Container Disposal in licensed facility.

Waste Disposal

All hazardous materials must be solidified and disposed of in an EPA approved class one facility. When disposing of chemicals, contact local, state, and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.

Section V _____ Fire and Explosion Hazards

Flash Point: 210F **Method:** Average
Flammable Limits in Air: **Lower:** N/E **Upper:** N/E

Fire Extinguishing Materials: WATER SPRAY TO COOL, FOAM DRY CHEMICAL

Special Fire Fighting Procedures: Self contained breathing apparatus are recommended for fire fighters. This material readily ignites if near a high temperature source or open flame.

Unusual Fire & Explosion Hazards: If this material is exposed to a high heat source or open flame there is the danger of an explosion.

Note: Under normal conditions hazardous polymerization will not occur.

Section VI _____ Physical Data

Boiling Point: 675F
Specific Gravity (water = 1) 1.09
Vapor Pressure: 0.1 mmHG
Percentage of Volatile: None
Density: 1.2
Decomposition temperature: 100° C
Decomposition hazard: Sulphur dioxide and Formaldehyde
Solubility in Water: SOLUBLE
Appearance and Order: white crystalline powder
With slight formaldehyde Oder.

Section VII _____ Special Protection Information

Respiratory Protection: When using this material in confined space, with less than 4 to 5 air change per hour use of personal respiratory protection such as organic mask is recommended.

Protective Gloves: To avoid possible defatting of the skin or tissue damage, it is recommended that Butyl, plastic or Vitron gloves be worn.

Eye Protection: When handling this product and there is the possibility of splashing, it is recommended that proper protection of the eyes be worn. Mono goggles type.

Other Equipment: When handling chemicals in 55 gallon drums, it is recommended that steel toed rubber boots and a chemical apron be worn.

Section VIII _____ Special Precautions

*drums or bags must be open in a DRY area.

The lid before closing must be DRY.

*Chemicals can be hazardous if not respected. The use of proper equipment and procedures for handling chemicals are not only of benefit for their obvious uses, but can reduce the possibility of serious injury and time loss accidents.

*Keep this material away from high heat and observe proper house keeping procedures.

*DO NOT mix chemicals unless instructed by qualified personnel.

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Sources: 1) Dangerous Properties of Industrial Material: Sax, 6th Ed 2) Hand of Toxic Hazardous Chemicals and Carcinogens: Sittig 2nd Ed 3) Condensed Chemical Dictionary: Hawley, Tenth Ed 4) TLV's and Biological Exposure Indices for 1985-86: ACBIH, 2nd Print 5) Director's List of Hazardous Substances: State of Cal., 1st printing 6) Title 29 CFR parts 1900 to 1910, Revised as of July 1, 1984 7) Documentation of TLV's and BEI's: ACBIH, 5th Ed 8) Guidelines for the selection of chemical Protective Clothing: ACBIH, 2nd printing 9) Emergency Response Guidebook: Department of Transportation, 1984 Ed

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