

AERCHEM INC.
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SECTION 1: IDENTIFICATION

Effective Date: 8/31/90
Product Name: ZINC CITRATE TRIHYDRATE
Molecular Formula: $Zn_3 (C_6H_5O_7)_2 \cdot 3H_2O$
CAS No.: 546-46-3

SECTION 2: HAZARDOUS INGREDIENTS: N/A

SECTION 3: PHYSICAL DATA

Odor: odorless
Appearance: white
Melting point.: N/A
Boiling point: N/A
Decomposition temperature: N/A
Solubility in water: slightly soluble
Specific gravity (water = 1) N/A
Vapor density: N/A
Vapor pressure: N/A

SECTION 4: FIRE AND EXPLOSION DATA

Flash point: N/A
Extinguishing media: water spray, foam, CO₂, dry chemical
Fire fighting procedures: wear self-contained breathing apparatus
Unusual fire and explosions hazards: decomposes and emits zinc oxide fumes

SECTION 5: REACTIVITY DATA

Stable X Unstable _____
Hazardous Polymerization: will not occur

SECTION 6: HEALTH HAZARD DATA

Effects of overexposure: may cause some irritation to eyes, skin, and mucous membranes
TLV: not established, consider a nuisance dust

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: shovel into suitable container and wash area thoroughly
Disposal: in accordance with local, state, and federal regulations

SECTION 8: FIRST AID PROCEDURES

Eye Contact: flush with running water, call physician
Skin Contact: flush with running water
Ingestion: call physician

SECTION 9: HANDLING AND STORAGE INFORMATION: store in tightly closed containers

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: work in vented area
Skin Protection: wear rubber gloves
Eye Protection: wear safety glasses

SECTION 11: TRANSPORT INFORMATION

DOT Classification: non-hazardous
