



THATCHER COMPANY MATERIAL SAFETY DATA SHEET

PRODUCT: POLYMER IFD 51-C

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MSDS Date: December 18, 2007
Emergency Contact: 1-800-424-9300

SECTION I

PRODUCT NAME: POLYMER IFD 51-C

CHEMICAL NAME:

CHEMICAL FAMILY:

DOT SHIPPING INFORMATION: Aluminum sulfate solution
ORM-B
NA 1760
5000 pounds

SECTION II - HAZARDOUS INGREDIENTS

This material contains no ingredients which are known by Thatcher Company to be hazardous unless listed below.

HAZARDOUS MATERIAL	CAS NUMBER	w/w %	EXPOSURE LIMITS IN AIR
Aluminum sulfate	10043-01-3	----	TLV = 2 mg/m ³ TWA (ACGIH)

The specific identity of some ingredients may be withheld for confidential business purposes. However, all known potential health effects from exposure to these ingredients are being addressed.

SECTION III - PHYSICAL DATA

BOILING POINT (F): Approx. 213

SPECIFIC GRAVITY: 1.30

VAPOR PRESSURE (mm Hg): Vapor is essen-

% VOLATILE, BY VOLUME: abt. 65%

VAPOR DENSITY (air = 1): tially water.

EVAPORATION RATE: Unknown

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: Colorless to light yellow liquid.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: Nonflammable

FLAMMABLE LIMITS: Lel: N/A Uel: N/A

EXTINGUISHING MEDIA: Use any.

SPECIAL FIRE-FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.



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SECTION V - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS OR MATERIALS TO AVOID: None.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

SECTION VI - HEALTH HAZARD DATA

Carcinogenic Listing:

NTP: No ingredients listed in this section.

IARC MONOGRAPHS: No ingredients listed in this section.

OSHA 29 CFR 1910: No ingredients listed in this section

ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:

Contact: Can be irritating to skin and severely irritating to eyes.

Ingestion: Irritating to gastrointestinal tract if ingested.

STATEMENT OF PRACTICAL TREATMENT:

Contact: Flush thoroughly with water. For eyes, flush for at least 15 minutes and get medical attention.

Ingestion: If conscious, give several glasses of milk or water and call a physician immediately. Do not induce vomiting.

SECTION VII - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Avoid contact with skin and eyes. Do not take internally.

STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:

Wear safety equipment. Dike the spill and recover into drums. Flush residue to the sewer with large amounts of water

WASTE DISPOSAL METHOD:

Dispose of in a landfill or other disposal site. Comply with all local, state and federal regulations

OTHER PRECAUTIONS: None.

SECTION VIII - SPECIAL PROTECTION INFORMATION



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RESPIRATORY PROTECTION: None required.

VENTILATION: No special ventilation required.

EYE PROTECTION: Goggles.

SKIN PROTECTION: Rubber gloves.

OTHER PROTECTIVE EQUIPMENT: As needed to prevent skin contact.

ACGIH = American Conference of Governmental Industrial Hygienists

CL = Ceiling Level

IARC = International Agency for Research on Cancer: Monographs

OSHA = Occupational Safety and Health Administration

N/A = Not Applicable

NTP = National Toxicology Program: Annual Report on Carcinogens

PEL = Permissible Exposure Level (OSHA)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average over 8 Hours

STEL = Short Term Exposure Limit (ACGIH)

ND = Not Determined

This information is, to the best of our knowledge, accurate but may not be complete. THATCHER COMPANY furnishes this information in good faith, but without warranty, representation or guarantee of its accuracy, completeness, or reliability.