

**THATCHER COMPANY MATERIAL SAFETY DATA SHEET****PRODUCT: T-FLOC 809****Page 1 of 3**MSDS Date: August 17, 1998
Emergency Contact: 1-800-424-9300**SECTION I****PRODUCT NAME:** T-Floc 809**CHEMICAL NAME/SYNONYMS:** Copolymer of a quaternary acrylate salt and acrylamide**CHEMICAL FAMILY:** Copolymer**DOT SHIPPING INFORMATION:** Not DOT regulated**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
Cationic copolymer with Acrylamide	69418-26-4		N/A
Adipic acid	124-04-9		N/D

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):** N/A**SPECIFIC GRAVITY:** 0.8 - 1.0**VAPOR PRESSURE (mm Hg):** N/A**% VOLATILE, BY VOLUME:** N/A**VAPOR DENSITY (air = 1):** N/A**EVAPORATION RATE:** N/A**SOLUBILITY IN WATER:** Soluble**APPEARANCE AND ODOR:** White, free-flowing dry powder with little or no odor.**SECTION IV - FIRE AND EXPLOSION DATA****FLASH POINT:** Nonflammable**FLAMMABLE LIMITS:** Lel: N/A Uel: N/A**EXTINGUISHING MEDIA:**

Carbon dioxide, dry chemical or foam.

SPECIAL FIRE-FIGHTING PROCEDURES:

No special procedures; however, wetted product presents a slip hazard. Pedestrian and vehicular traffic must proceed with caution where wet produce may exist. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting, and eliminate open flame and other sources of ignition.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None.



SECTION V - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS OR MATERIALS TO AVOID:

Strong oxidants such as liquid chlorine, enriched gaseous or liquid oxygen and sodium or calcium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon and nitrogen, ammonia and/or hydrogen chloride. Vapor may be irritating or harmful.

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: May cause slight irritation to skin and eyes.

Inhalation: May cause some respiratory irritation.

Ingestion: May cause discomfort or gastrointestinal disturbance. Low oral toxicity.

STATEMENT OF PRACTICAL TREATMENT:

Contact: Wash exposed area thoroughly with soap and water. Remove contaminated clothing and launder before reuse. For eyes, flush with cool water for at least 15 minutes and get medical attention.

Inhalation: Remove person to fresh air. Treat symptomatically.

Ingestion: If conscious, give several glasses of water or milk and induce vomiting. Get immediate medical attention.

SECTION VII - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing dust. Keep containers closed when not in use. CAUTION: Slip hazard. Good person hygiene practices can reduce potential exposure.

STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:

Wear safety equipment. Sweep or shovel into metal or plastic container. Product becomes slippery when wet; spills area best handled while still dry. Absorb wet product with vermiculite or other inert material. Then water wash area to waste treatment to eliminate slip hazard.

WASTE DISPOSAL METHOD:

Incineration and/or disposal in chemical landfill. Disposer must comply with federal, state and local disposal discharge laws.



SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Use NIOSH-approved dust respirator if exposure exceeds TLV.

VENTILATION:

Provide mechanical ventilation to prevent dust concentrations and to reduce exposure.

EYE PROTECTION: Chemical safety goggles.

SKIN PROTECTION: None normally required.

OTHER PROTECTIVE EQUIPMENT:

As needed to prevent contact with eyes and skin. Eye wash is recommended.

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.