MATERIAL SAFETY DATA SHEET

EASTMAN KODAK COMPANY 343 State Street Rochester, New York 14650

For Emergency Health, Safety, and Environmental Information, call 716-722-5151 For all other purposes, call 800-225-5352, in New York State call 716-458-4014 Kodak Accession Number: 900422 Date of Preparation: 04/25/86 SECTION I. IDENTIFICATION Product Name: Tannic Acid - Synonym(s): Digallic Acid - Formula: C76 H52 046 - CAT No(s): 105 4840; 105 4881; 105 4899; 120 5194; 120 5210 Chem. No(s): 00422 S: 1 F: 1 - Kodak's Internal Hazard Rating Codes: R: 1 SECTION II. PRODUCT AND COMPONENT HAZARD DATA ACGIH CAS Reg. No. TLV(R) Percent COMPONENT(S): 1401-55-4 ca. 100 Tannic Acid SECTION III. PHYSICAL DATA - Appearance: Tan powder - Melting with Decomposition: 215 C (419 F) Vapor Pressure: Negligible Evaporation Rate (n-butyl acetate = 1): Negligible - Volatile Fraction by Weight: Negligible Specific Gravity (Water = 1): Not Available Solubility in Water (by Weight): Appreciable SECTION IV. FIRE AND EXPLOSION HAZARD DATA - Flash Point: Not Applicable - Extinguishing Media: Water spray; Dry chemical; Carbon dioxide Special Fire Fighting Procedures: None - Unusual Fire and Explosion Hazards: None SECTION V. REACTIVITY DATA - Stability: Stable - Incompatibility: Strong oxidizers - Hazardous Decomposition Products: Combustion will produce carbon dioxide and probably carbon monoxide.

86-6772

Hazardous Polymerization: Will not occur.

R-0330.900A

SECTION VI. TOXICITY AND HEALTH HAZARD DATA

- A. EXPOSURE LIMITS: Not established.
- R. FXPOSURE EFFECTS:

Inhalation: Low hazard for usual industrial handling.

Skin: Low hazard for usual industrial handling.

Eye: No specific hazard known. Contact may cause transient irritation.

Ingestion: Expected to be a low ingestion hazard.

C. FIRST AID:

Inhalation: None should be needed.

Skin: None should be needed.

Eve: Flush eyes with plenty of water.

Ingestion: None should be needed.

SECTION VII. VENTILATION AND PERSONAL PROTECTION

- **VENTILATION AND RESPIRATORY PROTECTION:** Good ventilation should be sufficient.
- B. SKIN AND EYE PROTECTION:

Safety glasses recommended in industrial operations involving chemicals. ______

SECTION VIII. SPECIAL STORAGE AND HANDLING PRECAUTIONS

Keep from contact with oxidizing materials.

SECTION IX. SPILL, LEAK, AND DISPOSAL PROCEDURES

Sweep up material and package for safe feed to an incinerator. Dispose by incineration or contract with licensed chemical waste disposal agency. Discharge, treatment, or disposal may be subject to federal, state or local laws.

For transportation information regarding this material, please phone the Eastman Kodak Distribution Center nearest you: Rochester, NY (716) 254-1300; Oak Brook, IL (312) 654-5300; Chamblee, GA (404) 455-0123; Dallas, TX (214) 241-1611; Whittier, CA (213) 945-1255; Honolulu, HI (808) 833-1661.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.
