

# JELL CHEMICALS, INC.

9353 Seymour Ave. Schiller Park, IL 60176

800/747-5355

## MATERIAL SAFETY DATA SHEET

Report Date: 8/9/99

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**EMERGENCY PHONE #: 1-800-535-5053**

### **Section I - Product Identification**

Product Class: Blend

Product Code I.D.: MS-214

Trade Name: Anco Tannic Acid Plate Etch

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### **Section II A - Hazardous Ingredients**

<u>No.</u>	<u>Component</u>	<u>CAS#</u>	<u>% by wt.</u>
1	Tannic Acid	(001401-55-5)	1-5
2	Ammonium Phosphate	(007722-76-1)	1-5

>> None of the components of this product are recognized as carcinogenic. (N/A = Not Applicable)

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### **Section II B - Occupational Exposure Limits (Y=Yes, N=No, N/E= Not Established)**

<u>No.</u>	<u>(OSHA)PEL/TWA</u>	<u>PEL/CEILING</u>
1	N/E	N/E
2	N/E	N/E

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<u>No.</u>	<u>(OSHA)PEL/STEL</u>	<u>Skin*</u>
1	N/E	N
2	N/E	N/E

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<u>No.</u>	<u>(ACGIH)TLV/TWA</u>	<u>TLV/Ceiling</u>
1	N/E	N/E
2	N/E	N/E

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<u>No.</u>	<u>(ACGIH)TLV/STEL</u>	<u>Skin*</u>
1	N/E	N
2	N/E	N/E

\*(Skin) Absorption may contribute to the overall exposure to this material. Take appropriate measures to prevent skin contact..

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### **Section III - Physical Data**

Boiling point: 212 F (Represents boiling point of lowest boiling material)

Evaporation: <1 (ether=1)

Vapor Density: >1 (air=1)

% solid: 27.85

Weight per gallon: 8.49 (theoretical)

V.O.C. lbs gallon: 0 (theoretical)

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**Section IV - Health Information**

EYE CONTACT: Based on the presence of component 1 product is presumed to be moderately irritating to the eyes.

SKIN CONTACT: Exposure may produce skin irritation.

INHALATION: Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes.

INGESTION: Based on the presence of component 1 product is presumed to be moderately toxic.

SIGNS AND SYMPTOMS: Eye irritation-pain, tearing, reddening and swelling. Skin irritation-swelling, rash and redness. Respiratory irritation- runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function. Gastrointestinal irritation-sore throat, abdominal pain, nausea, vomiting and diarrhea.

AGGRAVATED MEDICAL CONDITIONS; Preexisting skin, eye and respiratory disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS: None Recognized

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**Section V-Emergency and First Aid Procedures**

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Seek medical attention if any symptoms persist.

SKIN CONTACT: Remove contaminated clothing and shoes. Wipe excess from skin and flush with water using soap if available. Seek medical attention if irritation occurs. Do not reuse clothing until thoroughly decontaminated.

INHALATION: Remove victim to fresh air and treat symptomatically. Provide oxygen if breathing is difficult. Give artificial respiration if the victim is not breathing. Seek prompt medical attention.

INGESTION: Dilute with liquid unless the victim is unconscious or very drowsy. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration into the lungs. Consult a physician, hospital or poison control center and/or transport to an emergency facility immediately.

NOTES FOR PHYSICIAN: The following component-specific information may contain contradictions, and is intentionally included to give the attending physician specific information about the individual components of the blend.

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**Section VI-Fire and Explosion Hazards**

FLASH POINT: > Not Applicable

EXTINGUISHING MEDIA: Not Applicable

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Not Applicable

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**Section VII-Reactivity**

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS AND MATERIAL TO AVOID: Based on the presence of component 1 avoid oxidizing materials and alkaline materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide and unidentified organic compounds may be formed during combustion.

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**Section VIII-Employee Protection**

RESPIRATORY PROTECTION: Use ventilation as required to control vapor concentrations-at least 10 air changes per hour are recommended for good general room ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH-approved respirator.

PROTECTIVE CLOTHING: Wear safety glasses, goggles, or a splash shield to prevent eye contact.

Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

ADDITIONAL PROTECTIVE MEASURES: Eye wash fountains and safety showers should be available for use in an emergency.

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**Section IX-Environmental Protection**

SPILL OR LEAK PROCEDURES:

LARGE SPILLS: Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush solutions as above.

SMALL SPILLS: Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

WASTE DISPOSAL: Observe all federal, state, and local regulations regarding proper disposal.

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**Section X-Additional Precautions**

After contact with product container, wash with soap and water before eating, drinking, smoking or using toilet facilities.

Under the provisions of Title III, Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372, the following components may be subject to reporting:

None

The following chemical(s) are listed on the California Proposition 65 List:

None

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