

MATERIAL SAFETY DATA SHEET

Issue Date: June 8, 2004

PRODUCT NAME: (Item Number)

Ry-Fla-Vor Item 112-624

Section I - Identification

Manufacturers Name ADM ARKADY	Emergency Telephone Number 913-782-8800
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Address 100 Paniplus Roadway Olathe, Kansas 66061	Telephone Number for Information 913-782-8800
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Section II - Hazardous Ingredients / Identity Information

CAS No.:

Contains the following organic acids: Glacial Acetic Acid DOT Corrosive UN2789 (CAS #64-19-7)
Less than 1.52 mg/m³.

Fumaric Acid DOT ORM-E (RQ 5000/2270) NA 9126

Section III - Physical / Chemical Characteristics

Boiling Point N/A	Specific Gravity (H ₂ O = 1) N/A
Vapor Pressure (mm Hg) N/A	Melting Point N/A
Bulk Density: Loose N/A	Solubility in water N/A
Appearance Mottled tan powder	Odor Characteristic pungent odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL	UEL
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Extinguishing Media
Water fog, CO₂, dry chemical

Special Fire Fighting Procedures
Self-contained breathing apparatus

Unusual Fire and Explosion Hazards

Avoid stirring up dust which may explode in the presence or an ignition source.

This MSDS is based upon a limited review of ADM files and standard Toxicological handbooks.

The information herein is furnished without warranty of any kind. This information should only be used as a supplement to information already in your possession concerning the product. The determination of whether and under what conditions the product should be used by your employees is yours to make.

Section V - Reactivity Data

Stability:	Stable X	Unstable	Conditions to Avoid: Heat and humidity
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Incompatibility (Materials to Avoid)
Oxidizers, reducers, bases

Hazardous Decomposition's or Byproducts
Combustion can produce CO, CO₂, and O₂.

Hazardous polymerization:	May Occur	Will Not Occur X	Conditions to Avoid
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Section VI - Health Hazard Data

Routes of Entry: Inhalation Skin Ingestion
Inhalation and skin.

Health Hazards (Acute and Chronic)
None known.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
No	No	No	No

Signs and Symptoms of Exposure
Itchy, irritated skin.

Medical Conditions Generally Aggravated by Exposure
Allergies. Skin sensitivity

Emergency and First Aid Procedures
EYES: Flush with water. SKIN: Wash with soap and water.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Eliminate ignition sources. Sweep or scoop into a clean trash container.

Waste Disposal Method
Dispose of in accordance with all federal, state and local regulations.

Precautions to Be Taken in Handling and Storing
Store in a cool, dry area.

Other Precautions
Keep container closed when not in use.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)
NIOSH - approved dust mask

Ventilation	Local Exhaust Preferred	Mechanical (General) adequate	Special	Other
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Protective Gloves Eye Protection
Not required unless skin is sensitive. Safety goggles. No contact lenses.

Other Protective Clothing or Equipment
Adequate venting and exhausting. Dust tight wiring and fixtures.