

Kirk's Natural LLC
1820 Airport Exchange Blvd.
Erlanger, KY 41018
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MATERIAL SAFETY DATA SHEET

Section I. Product Identification

Product Name: Kirk's Castile (V25072)

Chemical Family: Mixture (Soap)

NFPA Ratings (Scale 0-4, where 4=high degree of hazard)

Health: 1

Flammability: 1

Reactivity: 0

HMIS Ratings (Scale 0-4, where 4=severe hazard)

Health: 0

Flammability: 1

Reactivity: 0

Section II. Hazardous Ingredient Information

Component: Glycerin	CAS# 56-81-5
Component: Fatty Acids, C8 - C18 & C18 Unsaturated, Sodium Salts	CAS# 67701-10-4
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Section III. Physical and Chemical Data

Form/Odor: Solid / Mild Fatty Odor/ Aromatic Ph: 9.5-11.5 Boiling Point: N/A
Flash Point: >200 C Solubility in Water: Complete

Section IV. Fire and Explosion Data

The material is organic by nature and is combustible when exposed to heat or flame.

Fire and Explosion Hazard:

Fire Fighting Media: Dry chemical, carbon dioxide, water, spray or regular foam. For larger fires, use spray, fog, or regular foam.

Section V. Reactivity Data

Reactivity: Stable under normal temperatures and pressures.
Incompatibilities: Strong Oxidizers, Bases, Reducing Agents, and Acids.
Decomposition: Thermal decomposition may release toxic and / or hazardous gases including toxic oxides of carbon and sodium.
Polymerization: Hazardous polymerization has not been reported to occur under normal temperatures and pressures

Section VI. Health Hazard Data

Inhalation: N/A

Skin Contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis.

Eye Contact: May cause irritation with stinging, tearing, redness and possibility of corneal damage.

Ingestion: May cause mild gastrointestinal irritation with nausea, vomiting, diarrhea, and abdominal pain

Chronic Health Effects: None Known

Section VII. Emergency and First Aid Procedures

Skin Contact: Rinse affected area with large amounts of water until no evidence of product remains. Get medical attention if condition persists.

Eye Contact: Immediately rinse eyes with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation persists.

Ingestion: Dilute by rinsing the mouth and giving water or milk to drink is generally recommended. If vomiting occurs, keep head below hips to prevent aspiration.

Section VIII. Storage and Disposal

Soap Bar: Store away from incompatible substances and excessive heat. Observe all Federal, State, and Local Regulations when storing or disposing of, this substance.

Section IX. Spill and Leak Procedures

Occupational Spill: Sweep or scoop up material and place in a suitable clean, dry container for later disposal.

Section X. Occupational Protective Equipment

Ventilation: Provide local exhaust ventilation systems to control exposure limits.

Respirator: Air contamination monitoring should be carried out, where dust or mist are likely to be generated, to assure that the employees are not exposed to harmful concentrations above the permissible exposure limits.

Clothing: Protective clothing and gloves are required where repeated or prolonged skin contact may occur

Prepared By: **Shanna Cullinane- R&D**

Date: **5/4/2010**

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Section XI. Additional Information