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PRODUCT: Castile Soap @ 16.7% Solids Solution

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	%
Potassium Cocoate	None Established			16.7%

SECTION III: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: > 200° F
Vapor Pressure (mm Hg.): Not Available
Vapor Density (AIR = 1): Not Available
Specific Gravity (H₂O = 1): 1.022
Melting Point: 32° F
Evaporation Rate (Butyl Acetate = 1): Not Available
Solubility in Water: Soluble
Appearance and Odor: Clear solution, light amber color, characteristic odor
pH: 9.5 – 11.5

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >200° F
Flammable Limits: NA
LEL: Not Applicable
UEL: Not Applicable
Extinguishing Media: Water spray, dry chemical, carbon dioxide, alcohol foam
Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: None

SECTION V: REACTIVITY DATA

Stability

Unstable: No

Stable: Yes

Conditions to Avoid: NA

Incompatibility (Materials to Avoid): Strong oxidizers acids and alkalis

Hazardous Decomposition

or Byproducts: Carbon Dioxide, Carbon Monoxide, other combustion products

Hazardous Polymerization

May Occur: No

Will Not Occur: Yes

Conditions to Avoid: NA

SECTION VI: HEALTH HAZARD DATA

Route(s) of Entry

Inhalation? NA

Skin? Yes

Ingestion? NA

Health Hazards (Acute and Chronic): Causes drying and irritation of skin. Can irritate upper respiratory tract upon inhalation of mists. Contact a **POISON CONTROL CENTER** if ingested.

Carcinogenicity

NTP? NA

IARC Monographs? NA

OSHA Regulated? NA

Signs and Symptoms of Exposure: Drying, cracking, irritation of skin

Medical Conditions Generally

Aggravated by Exposure: Preexisting skin disorders.

Emergency and First Aid Procedures: Skin Contact: Wash affected area with water. Seek medical attention if irritation persists.
Eye Contact: Flush eyes with copious amounts of water. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air. Seek medical if breathing difficulties occur.
Ingestion: **DO NOT** induce vomiting. Seek medical attention.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case
Material is Released or Spilled: Absorb liquid with absorbent material. Wear gloves. Spill area may be Slippery.

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

Precautions to Be Taken
in Handling and Storing: Store away from incompatible materials. Avoid prolonged exposures to high temperatures.

Other Precautions: **KEEP OUT OF REACH OF CHILDREN**

SECTION VIII: CONTROL MEASURES

Respiratory Protection (Specify Type): Dust / Mist respirator if these materials are present

Ventilation

Local Exhaust: Recommended
Mechanical
(General): Recommended
Special: NA
Other: NA

Protective Gloves: Chemical resistant gloves

Eye Protection: Safety glasses/Goggles

Other Protective Clothing
or Equipment: Any protective equipment or clothing which will minimize contact with this material.

Work / Hygienic Practices: Good hygienic practice