

# MATERIAL SAFETY DATA SHEET

Identity (as used on label & list)

## ENGLISH CROWN MOULD SOAP

### Section I

Baum's Castorine Co., Inc.  
200 Matthew St.  
Rome, N.Y. 13440

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#### Chemical Name and Synonyms

Potassium Oleate (Cas No 143-18-0)

#### Formula:

C<sub>18</sub>H<sub>34</sub>O<sub>2</sub>.K

#### Chemical Family

Anionic Soap Gel

### HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

#### Section II

Materials % TLV units  
not applicable

Materials % TLV units  
not applicable

DOT HAZARD CLASS: Not Applicable

### PHYSICAL/CHEMICAL CHARACTERISTICS

#### Section III

Boiling Point (deg. F): Not applicable - product is a gel	Specific Gravity (H <sub>2</sub> O = 1)
Vapor Pressure (mm Hg): NA	Percent, Volatile by Volume (%): 35% as water
Vapor Density (air = 1): NA	Evaporation Rate (_____ = 1): equivalent to water
Solubility in Water: complete	ph 11.0 typical
	Appearance & Odor: Firm amber colored gel.
	Mild soap odor.

### FIRE AND EXPLOSION HAZARD DATA

#### Section IV

Flash Point (method used): None	Flammable Limits LEL UEL
	Not Applicable

Extinguishing Media: NA

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None

### REACTIVITY DATA

#### Section V

Stability	Unstable	Conditions to avoid: None.
	Stable X	

Incompatibility (materials to avoid): Mixing with acids will cause an insoluble fatty acid separation and destroy the performance of the product.

Hazardous Decomposition Byproducts: Fumes, oxides of carbon, nitrogen & sulfur emitted when heated to decomposition.

Hazardous Polymerization	may occur	Conditions to avoid: None.
	will not occur X	

**HEALTH HAZARD DATA**

Threshold Limit Value: Not applicable. Product is a gel.

**Effects of Overexposure:**

- EYES: The alkalinity of the product is irritating to the eyes.
- SKIN: Prolonged contact may irritate and defat the skin.
- INGESTION: Slightly toxic: Probable lethal dose for humans: 5 - 15 gm/kg.

**Emergency First Aid Procedures:**

- EYES: Wash with large amount of water until irritation subsides.
- SKIN: Wash with water.
- INGESTION: Do Not induce vomiting. Give 2 glasses of water or milk.

**PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled:** Product is solid and can not be spilled. If the diluted product is spilled, recover as much as possible. Soak up remainder with sand or dirt.

**Waste Disposal Method:** Haul to approved landfill as a non-hazardous biodegradable soap. Wash residue to sewer with lots of water.

Precautions to be taken in handling and storing: None

Other Precautions: None.

**CONTROL MEASURES**

	During normal use <u>exposure less than TLV</u>	For gases,vapors,dusts,fumes <u>mists,exceeding TLV</u>	Special(e.g.thermal <u>processing spray applications</u> )
General Ventilation:	Not required		
Local exhaust	Not Required		
NIOSH-Certified			
Respiratory Protection (1-3)	NO		

1. Particle-removing air purifying air respirator (mechanical Filter)	2. Gas and Vapor-Removing Air Purifying Respirator (canister)	3.Full Face Mask Positive Pressure- Demand Type Supplied Air
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Protective Gloves. Normally not required. Use chemically resistant gloves for prolonged contact.	Eye protection: Not required in normal use.
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Other Protective Equipment: