

# Material Safety Data Sheet

I. GENERAL INFORMATION	
<u>TRADE NAME</u> Mycoflake Liquid	<u>CHEMICAL FAMILY</u> Surfactant
<u>PROPER DOT SHIPPING NAME</u> None	<u>DOT HAZARD CLASSIFICATION</u> N/A
<u>MANUFACTURER</u> Kemin Industries, Inc.	<u>MANUFACTURER PHONE NUMBER</u> (515) 559-5100
<u>ADDRESS</u> 2100 Maury Street	<u>CITY/STATE/ZIP</u> Des Moines, Iowa 50317

II. INGREDIENTS		
PRINCIPAL COMPONENTS	PERCENT	THRESHOLD LIMIT VALUE
Water	N/A	N/A
Propionic Acid	N/A	10 ppm
Ammonium Hydroxide	N/A	N/A
Yucca Extract	N/A	N/A
Ammonium Chloride	N/A	10 mg/m <sup>3</sup>
n-Propyl Alcohol	N/A	200 ppm
Sodium Phosphate Tribasic	N/A	N/A
Acetic Acid	N/A	10 ppm
Propylene Glycol	N/A	N/A

III. PHYSICAL DATA	
<u>APPEARANCE &amp; ODOR:</u> Purple to reddish brown liquid with a fruity smell and a slight odor of propionic acid.	
<u>FREEZING POINT:</u> N/A	<u>SOLUBILITY IN WATER:</u> N/A
<u>REFRACTIVE INDEX:</u> 1.37-1.38	<u>SPECIFIC GRAVITY:</u> 1.04-1.06
<u>VISCOSITY:</u> 18-24 cps at 25° C	<u>PERCENT VOLATILE:</u> N/A
<u>EVAPORATION RATE</u> ( =1): N/A	<u>pH:</u> 4.7-5.3

IV. FIRE & EXPLOSION HAZARD DATA		
<u>FLASH POINT (TEST METHOD):</u> (> 100° F) Tag Closed Cup ASTM D56-79		
<u>FLAMMABLE LIMITS:</u>	<u>LEL:</u> N/A	<u>UEL:</u> N/A
<u>EXTINGUISHING MEDIA:</u> None		
<u>SPECIAL FIRE FIGHTING PROCEDURES:</u> None		
<u>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</u> None		

V. HEALTH HAZARD DATA	
<u>EYE CONTACT:</u>	Flush eyes with water at least 15 minutes. Consult a physician.
<u>SKIN CONTACT:</u>	Wash with water.
<u>INHALATION:</u>	Handle in well ventilated area. Remove to fresh air.
<u>INGESTION:</u>	Consult a physician.
<u>EMERGENCY FIRST AID:</u>	Whenever first aid is required, it should be given immediately. Prompt treatment may greatly decrease the severity of the effect.

VI. REACTIVITY DATA		
<u>STABILITY:</u>	Unstable..... <input type="checkbox"/> Stable ..... <input checked="" type="checkbox"/>	<u>CONDITIONS TO AVOID:</u> N/A
<u>INCOMPATIBILITY:</u>	None	<u>MATERIALS TO AVOID:</u> N/A
<u>HAZARDOUS POLYMERIZATION:</u>	May Occur .... <input type="checkbox"/> Not Occur..... <input checked="" type="checkbox"/>	<u>CONDITIONS TO AVOID:</u> N/A
<u>HAZARDOUS DECOMPOSITION PRODUCTS:</u>	None	

**VII: ENVIRONMENTAL PROTECTION PROCEDURES**

**SPILL RESPONSE:** Adjust the pH prior to appropriate disposal.

**WASTE DISPOSAL:** Dispose in accordance with federal, state, and local regulations.

**VIII: SPECIAL PROTECTION INFORMATION**

**EYE PROTECTION:**

Goggles recommended.

**SKIN PROTECTION:**

Avoid prolonged exposure. Rubber gloves recommended.

**RESPIRATORY INFORMATION:**

Use of a NIOSH approved respirator is recommended if exposure may, or does exceed occupational exposure limits.

**VENTILATION RECOMMENDED**

Local exhaust recommended.

**OTHER PROTECTION:**

**IX. SPECIAL PRECAUTIONS**

**OTHER PRECAUTIONS:**

**ISSUE DATE:**

06/12/01

**SUPERSEDES:**

05/07/01