BLOCK PLT

ACME-HARDESTY CO.

MATERIAL SAFETY DATA SHEET

Effective Date: 10/20/2003 Revision Date: New

~~ACME Shield~~ **ACME SHIELD**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Acme Shield
Chemical or Common Name: Fatty acid

Acme-Hardesty Co.
1787 Sentry Parkway West
Suite 18-460
Blue Bell, PA 19422

Emergency Phone No.
800 223-7054

CHEM-TEL: 800 255-3924

Proper Shipping Name	Non-Regulated
DOT Hazard Class	Non-Regulated
Emergency Response Guide No.	Non-Regulated
EPA Reportable Quantity	Not Applicable

NFPA Ratings	**Health**	**1**
	Flammability	**1**
	Reactivity	**0**
PPE		B

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	Exposure Limits	Wt. %
No Hazardous Ingredients			

3. HAZARDS INFORMATION

EMERGENCY OVERVIEW

Contact with eyes may be painful and irritating. Prolonged contact with skin may cause irritation. Inhalation of vapors may cause respiratory irritation with throat discomfort, coughing or difficulty breathing. Aspiration into lungs may cause chemical pneumonitis and pulmonary edema Swallowing may cause nausea, diarrhea, and gastrointestinal discomfort.

4. FIRST AID MEASURES

Flush eyes immediately with plenty of water for at least 15 minutes. Contact a physician. Remove contaminated clothing and rinse affected area of skin with large amounts of water for 5 minutes. Wash contaminated clothing before reuse. If irritation occurs consult a physician. If symptoms from prolonged inhalation occur, move to fresh air. If symptoms persist consult a physician. If swallowed, DO NOT INDUCE VOMITING. Drink large amounts of water and contact a physician.

NOTES TO PHYSICIAN: If burns are present, treat as thermal, not chemical burns.

5. FIRE PRECAUTIONS

Flammable Properties	Flash Point; 400°F
Flammable Limits	Not available.
Hazardous Combustion Products	Oxides of carbon.

6. FIRE FIGHTING INSTRUCTIONS:

Fire Fighting Procedures	Use self contained breathing apparatus. Water spray must be used with caution to prevent spread of flames.
Extinguishing Media	Carbon dioxide, foam, dry chemical, water fog
Unusual Fire & Explosive Hazards	Porous materials such as rags, paper, insulation or organic clay may spontaneously combust when wetted with this material.

7. ACCIDENTAL RELEASE MEASURES

Note: Use caution if walking on spilled material, the wet surface will be extremely slippery.

Small Spill	Absorb on porous inert material. Transfer to a waste container. Flush area with water.
Large Spill	Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas. Call Acme-Hardesty Co.

8. HANDLING AND STORAGE

Handling	Avoid inhalation of spray mist or vapor. Prevent contact with skin. Avoid contact with eyes. Use with adequate ventilation. Wash thoroughly after handling material.
Storage	See Section 15 for additional information.

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Effective ventilation to draw fumes and vapors away from workers to prevent routine inhalation.. If local ventilation is used a capture velocity of 100-150 fpm is recommended.
Respiratory Protection	Not required.
Skin Protection	Neoprene gloves and rubber apron.
Eye Protection	Goggles.
Other Protection	

10. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	260°C
Vapor Pressure	N/A
% Volatile by Weight	0%
Solubility in Water	Insoluble
Weight per Gallon	7.5 lbs
Evaporation Rate	Not determined
pH (5% in water)	Insol. In water, thus not applicable
Odor	Vegetable oil odor
Appearance	Oily, yellow liquid

11. STABILITY AND REACTIVITY

Chemical Stability	Stable
Incompatibility	Strong Oxidizers.
Conditions to Avoid	Avoid prolonged contact with porous materials.
Hazardous Decomposition Conditions	Oxides of carbon upon combustion
Hazardous Polymerization	Will not occur

12. TOXICOLOGICAL INFORMATION

Eyes	Overexposure causes excessive watering, redness and stinging.
Skin	Overexposure may cause itching and redness similar to a rash.
Ingestion	ORAL, rat, LD_{50} = > 10,000 mg/kg
Inhalation	Aspiration into lungs may cause chemical pneumonitis and pulmonary edema.
Chronic	Unknown
Carcinogenicity	Product is not listed.
TLV	Not established for product.
Hazard Type	Skin Irritant.

13. ECOLOGICAL INFORMATION

Ecotoxicological	Causes a film or emulsion on the surface of a body of water with the same effects to wildlife as an oil spill.
Chemical Fate	The material is readily biodegradable.

14. DISPOSAL CONSIDERATIONS

Waste disposal method	Not classified as a RCRA hazardous waste. Dispose of according to applicable environmental regulations.

15. REGULATORY INFORMATION

Is product RCRA regulated? **NO** III SARA SEC 313 **NO** Are all ingredients listed in the TSCA inventory? **YES** Ingredients regulated by the Clean Air Act or the Clean Water Act: **NONE**

16. OTHER INFORMATION

MSDS Status: Revised Section(s) All; New Product

Prepared By: Nicholas J. Spare, Ph.D. Revised By: _____