EM SCIENCE
A Division of EM Industries
P.O. Box 70
4800 Democrat Rd.
Gibbstown, N.J. 08027

JOYCE KILBY/RISK MGMT OF
UNIT OF WISCONSIN-WHITEWATER
800 W. MAIN ST.-LIBRARY RM 2008
WHITEWATER, WI
53190

Preparation Date ........: OCT 27, '87
Date Sent to Customer...: MAR 12, '91
Information Phone Number: (609) 354-9200
Chemtrec Emergency Number: 1-800-424-9300

NFP A HAZARD RATINGS

| Health | 1 |
| Flammability | 1 |
| Reactivity | 0 |
| Special Hazards | |

Catalog Number(s): LX0210

Chemical Name....: Lecithin (soybean)
Trade Name........: Phosphatidylcholine
C.A.S. Number...: 8002-43-5
Chemical Family.: Phosphatide
Formula.........: Variable
Molecular Weight.: N/A
DOT Shipping Name: (non-regulated)
DOT Number.......: (none)

SECTION II - HAZARDOUS INGREDIENTS
None other than specified product.

SECTION III - PHYSICAL DATA
Boiling Point (°C): 760 mm Hg........: decomp
Melting Point (°C): N/A
Specific Gravity (H2O = 1): 1.03
Vapor Pressure (mm Hg): N/A
Percent Volatile by Vol (%): N/A
Vapor Density (Air=1): N/A
Evaporation Rate (BuAc=1): N/A
Solubility in Water (%): Insoluble
Appearance and Odor: Brown, viscous liquid

SECTION IV - FIRE & EXPLOSION HAZARD DATA
Flash Point (°F): None
Flammable Limits LEL %: N/A
Flammable Limits UEL %: N/A
Extinguishing Media:
Water spray foam
Fire Fighting Proc.: Wear self-contained breathing apparatus.
Fire & Expl. Hazards: Thermal decomposition produces acrid fumes.

SECTION V - HEALTH HAZARD DATA (ACUTE AND CHRONIC)
ACGIH TLV/OSHA PEL (TWA): None established
Toxicity Data: None established
Symptoms of Exposure: No harmful effects indicated from available information. Handling care generally in keeping with safe laboratory practices is recommended.
Medical Cond. Aggravated by Exp: Data not available.
Routes of Entry: Inhalation, ingestion
Carcinogenicity: The material is not listed (IARC, NTP, OSHA) as cancer causing agent.
Emergency First Aid: GET MEDICAL ASSISTANCE IF ANY ADVERSE EFFECTS DEVELOP
Skin: wash with soap and water.
Eyes: flush thoroughly with water.
Inhalation: remove to fresh air.

SECTION VI - REACTIVITY DATA
Stability: YES
Conditions to Avoid: 

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Extreme heat.

**Materials to Avoid:**
- (x) Water
- ( ) Acids
- ( ) Bases
- ( ) Corrosives
- (x) Oxidizers
- ( ) Other:

**Hazardous Polymerization:** Does not occur

**Hazardous Decomposition:** CO₂

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### SECTION VII - ENVIRONMENTAL PROTECTION PROCEDURES

**Spill Response:**
- Take up and containerize for proper disposal.

**Waste Disposal:** To be performed in compliance with all current local, state, and federal regulations.

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### SECTION VIII - SPECIAL PROTECTION INFORMATION

**Ventilation, Respiratory Protection, Protective Clothing, Eye Protection:**
- Material should be handled or transferred in an approved fume hood or with adequate ventilation.
- Protective gloves (Neoprene, PVC or equivalent) should be worn to prevent skin contact.
- Safety glasses with side shields should be worn at all times.

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### SECTION IX - SPECIAL PRECAUTIONS

**Handling & Storage:**
- Keep container closed.
- Store in a cool area.
- Do not breathe vapor.
- Do not get in eyes.
- Avoid prolonged, or repeated, skin contact.

**Work/Hygienic Practices:** Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available.

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### SECTION X - OTHER INFORMATION

**Comments:** None

**Revision History:** 5/28/86, 10/27/87

**N/A = Not available:**