



MAR 15 1991

M A T E R I A L S A F E T Y D A T A S H E E T

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

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

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

NFPA HAZARD RATINGS

Health .....: 1      Flammability .....: 1  
Reactivity : 0      Special Hazards.: 1

SECTION I - GENERAL INFORMATION

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)

*Biology*

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(H<sub>2</sub>O = 1).....: 1.03  
Vapor Pressure.(mm Hg).....: N/A      20C  
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.....: ( ) Water ( ) Acids  
( ) Bases ( ) Corrosives (x) Oxidizers  
{ } Other:

Hazardous Polymerization.: Does not occur  
Hazardous Decomposition.: CO<sub>x</sub>

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.

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.

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.

SECTION X - OTHER INFORMATION

Comments.....: None  
Revision History.....: 5/28/86, 10/27/87  
N/A = Not available:

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