

ALCOLEC® 439-C MATERIAL SAFETY DATA SHEET

Identity

Trade name – Alcolec® 439-C

Chemical name – Soy Phospholipids with nonylphenoxy polyethoxyethanol nonionic surfactants

1. Manufacturer's name and address

American Lecithin Company
115 Hurley Road, Unit 2B
Oxford, CT 06478

Tel: 203/262-7100

Fax: 203/262-7101

2. Hazardous Ingredients/Identity Information

Hazardous Components

Poly (oxy 1,2 ethanediyl), alpha (4 nonylphenol) – Name Established CAS No. 127087-87-0
Omega-hydroxy-branched

Non-hazardous Components

Lecithin – Name Established CAS No. 8002-43-5

Pigments – N/A

Catalyst – N/A

Vehicle – N/A

Solvents – N/A

Other – N/A

Base Metal – N/A

Alloys – N/A

Metallic Coatings – N/A

Filler Metal Plus Coating or Core Flux – N/A

Others – N/A

3. Physical/Chemical Characteristics

Boiling point:	Not determined
Vapor pressure (mm Hg.):	<0,01 mm Hg
Vapor density (AIR = 1):	>1
Solubility in water:	Dispersible
Appearance and odor:	Amber to brownish, viscous liquid
Specific Gravity (H ₂ O = 1):	1.03
Melting point:	N/A
Evaporation rate (Butyl Acetate = 1):	<0.01

TECHNICAL DATA

4. Fire and Explosion Hazard Data

Flash point:	400° F. Pensky-Martens Closed Cup
Flammable limits:	
Extinguishing media:	Water spray (fog) Alcohol Foam Carbon Dioxide Dry chemical.
Special fire fighting procedures:	Do not direct a solid stream of water or foam into hot, burning pools; may cause frothing and increase fire intensity. Use self-contained breathing apparatus and protective clothing. HMIS RATING: 1 (slight hazard)
Unusual Fire and Explosion Hazards:	This material may produce a floating fire hazard. Oily rags should be promptly disposed of to avoid possible spontaneous combustion.

5. Reactivity Data

Stability:	Stable
Conditions to avoid:	Prolonged excess HMIS RATING: 0 (minimal hazard)
Incompatibility (Materials to avoid):	Normally unreactive; however, avoid strong acids, oxidizing materials and materials that react with hydroxyl groups. Avoid storing bases at high temperatures.
Hazardous decomposition or byproducts:	Burning can produce oxides of nitrogen and phosphorus, carbon monoxide and/or dioxide.
Hazardous polymerization:	Will not occur

6. Health Hazard Data

Route(s) of Entry:	
Inhalation:	X
Skin:	X Prolonged or widespread exposure may result in the absorption of potentially harmful amounts.
Ingestion:	X
Eyes:	X
Health Hazards (Acute and Chronic):	Eye contact may cause pain, swelling and reddening. May cause eye burns. Repeated skin contact may cause dermatitis.
Carcinogenicity	
NTP – No	
IARC Monographs – No	
OSHA Regulated – No	
HMIS RATING: 2 (Moderate hazard)	
Signs and symptoms of exposure:	Inhaling mists may cause chest discomfort and coughing. Prolonged skin contact may cause irritation; for yes, see above.
Medical conditions generally aggravated by exposure:	None known.
Emergency and first aid procedures:	For eyes: immediately flush eyes with plenty of water for at least 15 minutes, holding eye lids apart. Get medical attentions, preferably form an ophthalmologist.

TECHNICAL DATA

7. Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

Dike spills to prevent discharge to natural waters.
Transfer liquids and solid use water to flush away spills; jelling or foaming may occur. Floors may become slippery.

Waste disposal method:

Incinerate in a permitted facility.

Precautions to be taken in handling and storing:

Surfaces covered with product are very slick; exercise care to clean-up spills.

Other precautions:

If overheated, remove sources of heat.

8. Control Measures

Respiratory protection (specify type):

When misting may occur, wear MSHA/NIOSH approved half-mask air purifying respirator.

Ventilation:

Local Exhaust
Mechanical (general)
Special
Other

Protective Gloves:

PVC coated

Eye protection:

Safety goggles

Other protective clothing or equipment:

Eye bath and safety shower.

Work/Hygienic practices:

Wash thoroughly after handling.

2/6/02