

**ALCOLEC<sup>®</sup> HWS MATERIAL SAFETY DATA SHEET**

**Identity**

Trade name – Alcolec<sup>®</sup> Z-3  
Chemical name – Hydroxylated Lecithin  
Chemical family – Phospholipids

**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

Pigments – N/A  
Catalyst – N/A  
Vehicle – N/A  
Solvents – N/A  
Additives – N/A  
Base Metal – N/A  
Alloys – N/A  
Metallic Coatings – N/A  
Filler Metal Plus Coating or Core Flux – N/A

This product is not considered a hazardous material under current criteria.

Hazardous mixtures of other liquids, solids, or gases.

**3. Physical/Chemical Characteristics**

Boiling point – N/A  
Vapor pressure (mm Hg.) – N/A  
Vapor density (AIR = 1) – N/A  
Solubility in water  
Appearance and odor – Amber viscous material  
Specific Gravity (H<sub>2</sub>O = 1) – 1.03  
Melting point – Nil  
Evaporation rate (Butyl Acetate = 1) – Nil

## TECHNICAL DATA

### 4. Fire and Explosion Hazard Data

Flash point: > 400° F  
Flammable limits: N/A  
Extinguishing media: Dry chemical  
Foam  
Carbon dioxide  
Sand  
Special fire fighting procedures:

### 5. Reactivity Data

Stability: Stable  
Conditions to avoid:  
Incompatibility (Materials to avoid):  
Hazardous decomposition or byproducts:  
Hazardous polymerization: Will not occur

### 6. Health Hazard Data

Route(s) of Entry:  
Inhalation:  
Skin:  
Ingestion:  
Health Hazards (Acute and Chronic): Not established.  
No significant hazard.

Carcinogenicity

NTP

IARC Monographs

OSHA Regulated

Signs and symptoms of exposure: Direct eye contact may be irritating.  
No inhalation hazard at ambient temperatures.  
Medical conditions generally aggravated by exposure: No health hazard  
Emergency and first aid procedures : Flush eyes with water – wash skin. Little ingestion hazard; drink water. If adverse reaction, induce vomiting, consult physician.

### 7. Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Absorb in inert material. Remove saturated clothing, wash affected skin areas.  
Waste disposal method: Landfill, according to regulations.  
Precautions to be taken in handling and storing: Surfaces covered with lecithin are very slick, exercise care to clean up spills immediately.  
Other precautions: If overheated, remove source of heat.

## TECHNICAL DATA

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### 8. Control Measures

Respiratory protection (specify type):	None required at ambient temperatures
Ventilation:	
Local Exhaust:	Not required
Mechanical (general):	None
Special:	Other
Protective Gloves:	Impervious.
Eye protection:	Splash goggles.
Other protective clothing or equipment:	None required.
Work/Hygienic practices:	

2/6/02