

LOVESHAW

an ITW Company



U.S. Material Safety Data Sheet European Safety Data Sheet

Date: February 2, 2009

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Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: PRECONDITIONER
Manufacturer: LOVESHAW an ITW Company
Route 296 Box 83
South Canaan, PA 18459

Telephone: 1-570-937-4921
Facsimile: 1-570-937-3229

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS#	%	CARCINOGEN AIRC NTP OSHA	ACGIH TLV	OSHA PEL	SYMBOL	R-PHASE
GLYCOL ETHER WATER	107-21-1 7732-18-5	40	NO NO NO	50 ppm	50 ppm	NONE	NONE

Section 3: HAZARDOUS IDENTIFICATION

Health (Acute-Chronic):	1-1	RATINGS
Flammability:	0	MINIMAL 0
Reactivity:	0	SLIGHT 1
Environment (Air-Water-Soil):	2-2-1	MODERATE 2
Special Hazards:	NA	SERIOUS 3
Protective Equipment:	Ventilation, wash facilities, gloves, goggles	SEVERE 4

Section 4: HEALTH HAZARDS - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Irrigate with water for 15 minutes.
Skin: Wash with soap and water.
Ingestion: Induce vomiting.
Inhalation: Remove to fresh air.
CALL A PHYSICIAN...CONTACT A POISON CONTROL CENTER

Section 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point: 241 degree F closed cup
Auto Ignition Temperature: 775 degree F
Flammable Limits in Air by Volume: LEL: 3.2
UEL: 15.3
Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam, universal foam, waterspray.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus, protective clothing and equipment. Use waterspray to cool exposed equipment and protect personnel.
Unusual Fire and Explosion Hazards: Water may cause frothing, fire should go out due to water in fluid.

Section 6: ACCIDENTAL RELEASE MEASURE

When Material is Released or Spilled:	Ventilate area, contain and cover spill with absorbent, sweep up and put in chemical waste drum. Do not allow spill to enter water courses.
Waste Disposal Methods:	Assure conformity with applicable disposal regulations. Dilute with water and boil to evaporate.

Section 7: HANDLING AND STORAGE

Hygienic Practices:	Due care should be used when handling this product. Wash thoroughly after handling.
Special Precautions:	Keep container closed when not in use. Store container at room temperature. Handle in area with adequate ventilation. Empty container is not reusable.
Warning Placard:	Avoid contact with eyes. Do not take internally. Avoid intense heat.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	General room ventilation satisfactory.
Skin Protection:	Chemical impervious gloves.
Eye Protection:	Splash glasses.
Other Protective Clothing or Equipment:	As needed to prevent repeated / prolonged contact.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	Mobile Liquid with no odor.
Molecular Weight	Not applicable.
PH	Not determined.
Refractive Index @ 20 degree C	Not applicable.
Viscosity CPS @ 25 degree C	Not determined.
Freezing/Melting Point	32 degree F
Boiling Point	212 degree F
Vapor Pressure (mm Hg @ 20 degree C)	0.03
Vapor Density (Air = 1)	2.1
Solubility in Water	Complete.
Solubility in Alcohol	Not determined.
Solubility in Oil	Not determined.
Solubility in Other	Not determined.
Specific Gravity (H2O = 1)	1.115
VOC	436 g/l
Evaporation Rate	Not determined.

Section: 10 STABILITY & REACTIVITY DATA

Stability	Stable.
Conditions to Avoid	None.
Incompatibility	Strong acids and bases.
Hazardous Decomposition Products	Carbon dioxide and carbon monoxide may be produced when burned.
Hazardous Polymerization	Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Aquatic Toxicity	Not determined.
Biodegradability	Not determined.
Partition Coefficient	Not determined.
Primary Route(s) of Entry	Dermal, inhalation, ingestion.
Signs and Symptoms of Exposure	
a. Overexposure Effects:	Nausea and vomiting will occur.
b. Chronic Effects:	None.
1. Inhalation:	Mild respiratory irritation.
2. Eyes:	Minor irritation from vapor and contact.
3. Skin:	Mild irritation on sensitive skin.

