

LOVESHAW

an ITW Company



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

Date: February 2, 2009

Page 1 of 3

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: CLEANER
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
DPM GLYCOL ETHER	34590-94-8	9.25	NO NO NO	110 ppm	110 ppm	NONE	NONE
HIDACID AZURE BLUE	3844-45-9		NO NO NO			NONE	NONE
MICROBICIDE WATER	MIX 7732-18-5		NO NO NO			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: 240 degree F closed cup
Auto Ignition Temperature: 442 degree F
Flammable Limits in Air by Volume: LEL: 0.9
UEL: 5.9
Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam, universal foam, waterspray.
Special Fire Fighting Procedures: Will not burn unless involved in an intense fire, water may casue frothing.
Unusual Fire and Explosion Hazards: None

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. Dispose of absorbed material at approved incineration or chemical landfill waste disposal site.

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	-92 degree F
Boiling Point	212 degree F
Vapor Pressure (mm Hg @ 20 degree C)	<0.1
Vapor Density (Air = 1)	5.6
Solubility in Water	Soluble.
Solubility in Alcohol	Not determined.
Solubility in Oil	Not determined.
Solubility in Other	Not determined.
Specific Gravity (H2O = 1)	.9563
VOC	76 g/l
Evaporation Rate	Not determined.

Section: 10 STABILITY & REACTIVITY DATA

Stability	Stable.
Conditions to Avoid	None.
Incompatibility	Strong Oxidizing Agents.
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:	Mild skin/ eye irritation. If swallowed, narcosis, nausea and vomiting will occur.
b. Chronic Effects:	None.
1. Inhalation:	Minor respiratory irritation.
2. Eyes:	Minor irritation from vapor and contact.
3. Skin:	Mild irritation on sensitive skin.

4. Ingestion: Narcosis, nausea and vomiting.
5. Medical Conditions Potentially Aggravated: None.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicological Information No data available.
Chemical Fate Information No data available.

Section 13: DISPOSAL CONSIDERATIONS

Dispose of according to appropriate local, regional and national laws or regulations. Do not reuse containers
Dispose of absorbed material at approved incineration or chemical landfill waste disposal site.

Section 14: TRANSPORT INFORMATION (Not meant to be all inclusive)

Ground Transport Not regulated.
Air Transport Not regulated.
Ocean Transport Not regulated.

Section 15: REGULATORY INFORMATION (Not meant to be all inclusive)

OSHA Regulations If respirator used, 29 CFR 1900.134
DOT Regulations NA
EPA Regulations NA
IMO Hazard Class #: NA
Hazard Classification: NA
DOT Name: NA
Shipping Instructions: NA

Section 16: OTHER INFORMATION

The hazards listed on this MSDS are taken from the MSDS for each of the ingredients in this mixture. In most cases the maximum form of hazard is represented here. The TLV's represent the conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effects. It must be remembered that each individual reacts differently and some may experience discomfort while others do not. This MSDS is presented so that each individual will have the information to deal safely with the use of this product.

DISCLAIMER OF LIABILITY:

AS THE CONDITIONS OR METHODS OF USE ARE BEYOND OUR CONTROL, WE DO NOT ASSURE ANY RESPONSIBILITY AND EXPRESSLY DISCLAIM ALL LIABILITY FOR ANY USE OF THIS MATERIAL. INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH AND BELIEVED TO BE TRUE AND ACCURATE, BUT ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL OR RESULTS TO BE OBTAINED FROM THE USE THEREOF. INFORMATION ON MSDS SUPPLIED BY INK MANUFACTURER.

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PROJECT ENGINEER
MARKING and CODING PRODUCTS
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