

SB27159

4378

PRODUCT IDENTIFICATION

Section I

Waterbed Conditioner

MANUFACTURER: Avant Industries, Inc.
ADDRESS: 320 E. 21st St.
Chicago, IL 60616

BUSINESS PHONE: (312) 326-3500
GENERIC DESCRIPTION: Waterbed Treatment
DATE OF ISSUE: January 1, 1990

HAZARDOUS COMPONENTS

Section II

Mixed alkyl aryl ammonium chlorides.....CAS# Proprietary.....5-10%
OSHA PEL and ACGIH TLV not established. Oral rat LD50 = 366mg/kg

Ethanol (denatured).....CAS# 64-17-5.....(2%
OSHA PEL/ACGIH TLV = 1000ppm, 1900mg/m³. Dermal rabbit LD50 > 2g/kg;
Oral rat LD50 = 13.7g/kg; rat LC50 > 16000ppm/0hr

PHYSICAL/CHEMICAL CHARACTERISTICS

Section III

APPEARANCE: Free-flowing, clear, colorless liquid
ODOR: Mild, amine
SPECIFIC GRAVITY: 0.99; 8.3 lbs./Gal.
EVAPORATION RATE: Like water
WATER SOLUBILITY: Complete

MELTING POINT: <32°F
BOILING POINT: <112°F
VAPOR PRESSURE: Unknown
VAPOR DENSITY: zwater

FIRE & EXPLOSION DATA

Section IV

FLAMMABILITY: None
FLASH POINT: None
OTHER FIRE/EXPLOSION HAZARDS: None known
HAZARDOUS COMBUSTION PRODUCTS: Common oxides of carbon and nitrogen.
EXTINGUISHING MEDIA: Water, foam, CO2, dry chemical.

LOWER EXPLOSION LIMIT: Unknown
UPPER EXPLOSION LIMIT: Unknown

REACTIVITY DATA

Section V

CHEMICAL/PHYSICAL STABILITY: Completely stable at 40-80°F.
POTENTIAL INCOMPATIBILITIES: None known.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION: None known.
HAZARDOUS POLYMERIZATION: Will not occur.

HEALTH HAZARD DATA**Section VI**

ROUTE(S) OF ENTRY: Eyes, skin, ingestion.
 CARCINOGENIC LISTING(S): None (per IARC, NTP or OSHA).
 EFFECTS OF OVEREXPOSURE:

EYES/SKIN: Burning, reddening; severe eye damage.
 INGESTION: Burning of mouth, throat, stomach. May be fatal.
 AGGRAVATED MEDICAL CONDITIONS: skin, eye disorders.

FIRST AID:

EYES/SKIN: Thoroughly & repeatedly flush with water.
 INGESTION: Drink large amounts of milk or clean water.
 Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration.
 EMERGENCY: Call physician immediately in case of eye contact, ingestion or if irritation persists.

SAFE HANDLING/STORAGE/DISPOSAL**Section VII**

D.D.T. HAZMAT SHIP NAME/I.D.: None

O.G.T. HAZARD CLASS/PLACARD: None

PROPER STORAGE: Keep all containers tightly closed and stored in cool and well ventilated area.

SPILLS or LEAKS: Secure area with generous ventilation. Pick up with mop; then containerize and seal into plastic containers. Rinse area and implements thoroughly with water.

WASTE DISPOSAL: Subject to federal, state and local statutes.

OTHER CAUTIONS: Keep out of reach of children.

PERSONAL PROTECTION & CONTROL MEASURES**Section VIII**

RESPIRATORY: None required with good ventilation. If needed, use NIOSH approved respirator for organic vapor.

VENTILATION: Must be adequate to ensure comfortable usage.

GLOVES: Chemically impervious gloves recommended while handling.

EYE PROTECTION: Chemical goggles or face shield recommended while handling.

OTHER PROTECTION: Generally unnecessary with normal use and exposure levels.

OTHER: Follow normal industrial hygiene practices.

Material Safety Data Sheet U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY <i>(As Used on Label and List)</i> POLYVINYL CHLORIDE (PVC) FILM/SHEET	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name LANCS INDUSTRIES INC.	Emergency Telephone Number 401-828-9392
Address <i>(Number, Street, City, State, and ZIP Code)</i> 12704 NE 124 TH ST. #36	Telephone Number for Information 425-823-6634
KIRKLAND, WA 98034	Date Prepared FEBRUARY 6, 2006
	Signature of Preparer <i>(optional)</i>

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
NONE				
INERT NON-REACTIVE CALENDERED PLASTIC FILM MATERIAL				
SOLID PLASTIC IN GAUGES FROM .008 TO .020; IS WATERPROOF.				

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.15-1.6
Vapor Pressure (mm Hg.)	N/A	Melting Point	300 ⁰ F 149 ⁰ C
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water SLIGHT			
Appearance and Odor CLEAR, TINTED, AND OPAQUE. MILD ODOR.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/D	UEL N/D
Extinguishing Media WATER, ABC DRY CHEMICAL, AFFF & PROTEIN TYPE AIR FOAMS			
Special Fire Fighting Procedures WEAR POSITIVE PRESSURE, SCBA. PERSONNEL NOT HAVING SUITABLE RESPIRATOR MUST LEAVE THE AREA TO PREVENT SIGNIFICANT EXPOSURE TO COMBUSTION GASES.			
Unusual Fire and Explosion Hazards UNDER INTENSE FIRE CONDITIONS THE PRODUCT WILL DECOMPOSE AND GIVE OFF HYDROGEN CHLORIDE FUMES AND DENSE SMOKE.			

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A
Incompatibility (Materials to Avoid) N/A			
Hazardous Decomposition or Byproducts SEE SECTION IV.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? N/A	Skin? N/A	Ingestion? N/A
Health Hazards (Acute and Chronic) N/A			
Carcinogenicity: NONE	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure N/A			
Medical Conditions Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures NONE			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled N/A
Waste Disposal Method STANDARD SOLID WASTE DISPOSITION IN ACCORDANCE WITH LOCAL AND U.S. E.P.A. REGULATIONS.
Precautions to Be taken in Handling and Storing N/A
Other Precautions N/A

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) NOT REQUIRED		
Ventilation YES	Local Exhaust YES	Special N/A
	Mechanical (<i>General</i>) YES	Other N/A
NOTE: GENERAL VENTILATION SHOULD BE EFFICIENT TO CONTROL AIRBORNE LEVEL. GOOD MECHANICAL VENTILATION IS NEEDED WHEN MATERIAL IS BEING HEAT SEALED.		
Protective Gloves WHEN MATERIAL IS HEATED		Eye Protection N/A
Other Protective Clothing or Equipment NOT REQUIRED		
Work/Hygenic Practices OBSERVE PROPER INDUSTRIAL HYGIENIC PRACTICES ACCORDING TO REGULATIONS.		