IDENTITY: Para Shield - Bacterin

SECTION I

MANUFACTURER'S NAME: GRAND LABORATORIES, INC.
RR 1, BOX 193
LARCHWOOD, IA 51241-9778
EMERGENCY TELEPHONE NUMBER:
(712) 477-2811 - (712) 477-2367 - (605) 925-7612
TELEPHONE NUMBER FOR INFORMATION:
(712) 477-2811 - (605) 925-7611
DATE PREPARED: November 5, 1992

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component(s) (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TVL	% (Optional)
Formaldehyde	0.75 ppm	0.3 ppm	</=0.5

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: NA
VAPOR PRESSURE (mm Hg.): NA
VAPOR DENSITY (AIR = 1): NA
SPECIFIC GRAVITY (H20 = 1): NA
MELTING POINT: NA
EVAPORATION RATE (BUTYL ACETATE = 1): NA
SOLUBILITY IN WATER: Yes
APPEARANCE AND ODOR: Opaque liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): NA
FLAMMABLE LIMITS: NA
LEL: NA
UEL: NA
EXTINGUISHING MEDIA: Dry chemical or carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: Wear protective clothing and a self contained breathing apparatus as appropriate for the surrounding fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY (Materials to Avoid): None
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide or carbon dioxide
HAZARDOUS POLYMERIZATION: Will Not Occur
CONDITIONS TO AVOID: None

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:
INHALATION? Yes
SKIN? Yes
INGESTION? Yes
HEALTH HAZARDS (Acute and Chronic): The product may be irritating in the case of skin or eye contact.
CARCINOGENICITY:
NPT? Yes
IARC Monographs? Yes
OSHA Regulated? Yes
EMERGENCY AND FIRST AID PROCEDURES: In case of skin or eye contact, flush with plenty of water. If the product is ingested, wash the mouth out with water and call a physician. In case of accidental injection, wash the puncture site and see a physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Clean up the spill with absorbent material, and afterwards, wash the site thoroughly with water.
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Refrigerate the product (40 deg F). Keep the container closed when stored, and shake well before using.
OTHER PRECAUTIONS: NA

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type): An approved cartridge respirator for large spills
VENTILATION:
LOCAL EXHAUST: No
MECHANICAL (General): Yes
SPECIAL: NA
OTHER: NA
PROTECTIVE GLOVES: Vinyl or nitrile
EYE PROTECTION: Goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NA
WORK/HYGIENIC PRACTICES: Take precautions to prevent accidental injections.

SECTION IX - REGULATORY INFORMATION

Component...Formaldehyde
Refer to OSHA's General Industry Standard 29 CFR 1910.1048.
The threshold planning quantity of SARA Title III is 500 lbs.
CERCLA's reportable quantity is 1,000 lbs.

This Material Safety Data Sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. Accordingly, no guarantee expressed or implied is made by Grand Laboratories, Inc. as to the results obtained based upon your use of the information, nor does Grand Laboratories, Inc. assume any liability arising out of your use of the information.

APPROVED BY: Sara Heerde
REPRESENTING: Grand Laboratories, Inc.
DATE: 11/16/93 COMPAS Code: 85500240