

MATERIAL SAFETY DATA SHEET

**DERMABASE CREAM**

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DATE PREPARED: 10-10-90 BY: Patrick L. Johnson Revised 7-26-96

**SECTION 1 - PRODUCT IDENTIFICATION AND HAZARDOUS COMPONENTS**

PRODUCT NAME: Dermabase Cream

SYNONYMS: Water Washable, Oil-In-Water Emulsion.

MOLECULAR FORMULA: Mixture.

MOLECULAR WEIGHT: N/A

CHEMICAL FAMILY: Oil-in-water emulsion.

INGREDIENT	(CAS #)	%	OSHA PEL	ACGIH TLV
Purified Water USP	(07752-18-5)	55%	N/A	N/A
Petrolatum	(8042-47-5)	>15	N/A	N/A
Mineral oil	(8042-47-5)	>15	N/A	5 mg/M <sup>3</sup> (mist)
Cetostearyl Alcohol	967762-27-0)	>10	N/A	N/A

\*Any ingredients not listed are; less than 5%, less than 1% if hazardous, and less than 0.1% if carcinogenic.

**SECTION 2 - PHYSICAL AND CHEMICAL CHARACTERISTICS**

BOILING POINT: N/A

VAPOR PRESSURE: N/A

MELTING POINT: 40-45°C

VAPOR DENSITY: N/A

SPECIFIC GRAVITY: N/A  
(WATER = 1)

EVAPORATION RATE: Nil  
(BUTYL ACETATE = 1)

WATER SOLUBILITY: Miscible

WATER REACTIVE: No

APPEARANCE AND ODOR: Smooth, white, water-washable cream (emulsion) with a slight, pleasant odor.

**SECTION 3 - FIRE AND EXPLOSION DATA**

FLASH POINT (METHOD): N/A                      AUTOIGNITION TEMPERATURE: N/A

FLAMMABLE LIMITS: LOWER: N/A              UPPER: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: As with any organic compound, this material may produce toxic carbon monoxide and/or carbon dioxide fumes if heated to decomposition as under fire conditions.

**SECTION 4 - REACTIVITY HAZARD DATA**

STABILITY: Stable ( X )    Unstable ( )

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

HAZARDOUS DECOMPOSITION PRODUCTS: As with any organic compound, this material may produce toxic carbon monoxide and/or carbon dioxide fumes if heated to decomposition.

HAZARDOUS POLYMERIZATION: May Occur ( )    Will Not Occur ( X )

**SECTION 5 - HEALTH HAZARD DATA**

TOXICITY: No specific toxicity data is available for this product.

CARCINOGEN LISTED BY: NTP    Yes ( )    No ( X )  
IARC    Yes ( )    No ( X )  
OSHA    Yes ( )    No ( X )  
Other    Yes ( )    No ( X )

ROUTES OF ENTRY: Ingestion, absorption.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

INHALATION: Due to the low vapor pressure, no harmful effects or exposure symptoms expected.

EYE CONTACT: May cause slight contact irritation.

SKIN CONTACT: May cause mild irritation after sustained contact in sensitive individuals.

INGESTION: May cause mild irritation of the gastrointestinal tract and slight nausea.

CHRONIC EFFECTS OF OVEREXPOSURE: None known.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Overexposure is unlikely to aggravate any existing medical conditions.

OTHER PRECAUTIONS TO CONSIDER: None known.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Due to the low vapor pressure, no harmful effects are anticipated.

EYE CONTACT: Flush with water for 15 minutes. If irritation persists or develops seek medical attention.

SKIN CONTACT: Wash with soap and water. If irritation persists or develops seek medical attention.

INGESTION: No harmful effects expected, however, prudence would indicate that a medical professional or poison control center be contacted for assistance.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: No special respiratory protection required under normal use conditions.

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: Safety glasses or goggles. Avoid wearing contact lenses when working with this or any chemical due to the possibility of increased severity of eye damage.

VENTILATION: No special ventilation requirements under normal use conditions.

OTHER PROTECTIVE EQUIPMENT: Appropriate laboratory apparel.

HYGIENIC WORK PRACTICES: Do not eat, drink or smoke near this material. Wash thoroughly after handling and wash any contaminated clothing before reuse.

## SECTION 7 - HANDLING AND STORAGE PRECAUTIONS

HANDLING PRECAUTIONS: Avoid contact with eyes, skin or clothing. Wash thoroughly after handling and wash any contaminated clothing before reuse.

STORAGE PRECAUTIONS: Store in a tight container in a cool, dry, well ventilated location.

OTHER PRECAUTIONS: Any use of this product in elevated-temperature processes should be thoroughly evaluated to determine safe operating conditions. A release of hot organic vapors or mists from equipment operating at elevated temperature and pressure may result in ignition without the presence of obvious ignition sources.

**SECTION 8 - SPILL AND DISPOSAL PROCEDURES**

**STEPS TO BE TAKEN IN CASE OF SPILL OR DISCHARGE:** In case of small spill, wipe up with an absorbent material. If spill is large or in a confined space, wear protective gear (goggles, gloves), scoop up spillage and place in a tight container and wash and ventilate spill site. Wash thoroughly or shower after handling and wash all clothing and protective gear before reuse.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all applicable local, state, federal, and environmental regulations.

**SECTION 9 - DISCLAIMER**

The information contained in this Material Safety Data Sheet has been compiled from reliable sources and is believed to be correct as of the date issued. It is the responsibility of the user to determine the appropriateness and applicability to their situation. Paddock Laboratories, Inc. disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental, or consequential damages from use or reliance on the above information.

**DEFINITIONS OF ABBREVIATIONS USED:**

ACGIH:	American Conference of Governmental Industrial Hygienists
CAS:	Chemical Abstract Service
IARC:	Internal Agency for Research on Cancer
IDLH:	Immediately Dangerous to Life or Health level
LC <sub>50</sub> :	Median Lethal Concentration
LD <sub>50</sub> :	Median Lethal Dose
MSHA:	Mine Safety and Health Administration
N/A:	Not available
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
PEL:	Permissible Exposure Limit
STEL:	Short Term Exposure Limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average