

**MATERIAL SAFETY DATA SHEET**  
**DERMA SHIELD PLUS - LOTION**  
**SKIN PROTECTANT AND FIRST AID ANTISEPTIC**

Latest Revision Date....01/11/2012

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SECTION 1

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PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER.....DERMA SHIELD PLUS

HAZARD RATING.....

Health	0	0 = Least
		1 = Slight
Fire	0	2 = Moderate
		3 = High
Reactivity	0	4 = Extreme

MANUFACTURER=S NAME..... BENCHMARK COMMERCIAL, INC.

COMPANY ADDRESS..... 466 LAWNSDALE DR., #D  
SALT LAKE CITY, UTAH 84115

COMPANY PHONE NUMBER..... (801) 463-3901

EMERGENCY PHONE NUMBER..... (801) 463-3908

TRADE NAME..... DERMA SHIELD PLUS

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SECTION 2

PHYSICAL DATA

APPEARANCE..... WHITE LOTION  
ODOR..... MILD PLEASANT ODOR  
SPECIFIC GRAVITY @ 25°C..... 0.98  
SOLUBILITY IN WATER..... OIL-IN-WATER EMULSION  
VAPOR PRESSURE mm Hg @ 20° C..... NOT DETERMINED  
BOILING/MELTING POINT @ 760 mm Hg..... 212°F (100° C)  
VAPOR DENSITY (AIR = 1)..... NOT DETERMINED  
EVAPORATION RATE (BuAc = 1)..... NOT DETERMINED  
pH..... 7.4

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SECTION 3

FIRE, EXPLOSION AND REACTIVITY HAZARD DATA

FLASH POINT °F..... NON-FLAMMABLE (FLASH PROJECTION TEST)  
FLAMMABILITY LIMITS IN AIR (% V)..... N/A  
EXTINGUISHING MEDIA..... N/A  
SPECIAL FIRE FIGHTING PROCEDURES..... N/A  
UNUSUAL FIRE & EXPLOSION HAZARDS..... NONE KNOWN  
PRODUCT ADAPTABILITY..... STABLE  
CHEMICAL INCOMPATIBILITY..... STRONG OXIDIZING AGENTS  
HAZARDOUS DECOMPOSITION PRODUCTS... CARBON DIOXIDE OR CARBON MONOXIDE.  
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR

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SECTION 4

HEALTH HAZARD INFORMATION

The exact percentages for components of this product constitute a trade secret. Although some of the chemicals listed below can be considered to be hazardous in their pure concentrated state, in the low concentrations found in the product, they do not pose a serious threat to users. Testing has shown that the product is not a primary dermal or ocular irritant, and is not orally toxic.

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**SECTION 4**

**HEALTH HAZARD INFORMATION**

Many of the substances having various effects are natural components of common foods and are not known to be harmful in normal use.

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**SECTION 5**

**HAZARDOUS INGREDIENTS \*\*\* EXPOSURE LIMITS**

<b>CHEMICAL NAME(S)</b>	<b>CAS NUMBER</b>	<b>ACGIH/TLV</b>	<b>OSHA/PEL</b>
ALLANTOIN	97-59-6	NONE	NONE
BENZALKONIUM CHLORIDE	8001-54-5	NONE	NONE
COCONUT FATTY ACID	61788-47-4	NONE	NONE
DIMETHICONE	63148-62-9	NONE	NONE
GLYCERIN	56-81-5	NONE	NONE
ISOPROPYL MYRISTATE	110-27-0	NONE	NONE
POLYVINYLPIRROLIDONE	9003-39-8	NONE	NONE
STEARIC ACID	57-11-4	NONE	NONE
TRICLOSAN	3380-34-5	NONE	NONE
TRIETHANOLAMINE	102-71-6	NONE	NONE

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**SECTION 6**

**HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY:     INHALATION - Not Likely     SKIN - None     INGESTION - Not Likely

HEALTH HAZARDS (ACUTE AND CHRONIC): None Currently Known. When properly applied and allowed to dry, the transfer of DERMA SHIELD PLUS to anything within its environmental presence is negligible.

CARCINOGENICITY: NPT? - None   IARC MONOGRAPH ? - None   OCHHA REGULATED?- No

SIGNS AND SYMPTOMS OF EXPOSURE: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

EMERGENCY AND FIRST AID PROCEDURES: Normally non-irritating. Flush eyes with water for several minutes if irritation occurs. Cannot be inhaled unless deliberately attempted. Small amounts could be ingested without undue discomfort. Discontinue use if irritation or discomfort occurs. Seek medical attention if condition persists.

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**SECTION 7**

**EFFECTS OF OVEREXPOSURE \*\*\* FIRST AID PROCEDURES**

Primary Routes of Exposure: Eye or Skin Contact

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Signs and Symptoms of Overexposure:     EYES: The compound may cause minor irritation or sensitization.  
  SKIN: The compound was found to be non-irritant to intact and abraded skin.  
  SWALLOWING: Considered non-toxic, however, consult with a physician if nausea becomes apparent.

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Emergency First-Aid Procedures:     SKIN: None necessary.  
  EYES: Not considered an ocular irritant. If discomfort occurs rinse with water several minutes. Get medical attention if necessary.  
  INGESTION: Considered non-toxic. Contact physician if nausea occurs.

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**SECTION 8**

**PRECAUTIONS FOR SAFE HANDLING AND USE**

RESPIRATORY PROTECTION..... None required.  
VENTILATION..... No special ventilation required.  
PROTECTIVE CLOTHING..... None required.  
EYE PROTECTION..... None required.  
HANDLING INSTRUCTIONS..... Avoid storing where extreme temperatures, [130°F (54°C) and above, 32°F (0°C) and below] would exist. Keep out of reach of small children.

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**SECTION 9**

**SPILL OR LEAK PROCEDURES \*\*\* WASTE DISPOSAL METHOD**

In case of spill or leak..... Flush with water, collect with absorbent material, place in waste container.  
Waste Disposal Method..... Transfer to landfill according to local, state and federal regulations.

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**SECTION 10**

**REGULATORY INFORMATION**

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FEDERAL EPA  
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Comprehensive Environmental Response Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ=s) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under the statute are:  
\*\*\*\*\*NONE\*\*\*\*\*

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Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ=s) and release reporting based on Reportable Quantities (RQ=s) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:  
\*\*\*\*\*NONE\*\*\*\*\*

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Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS=s that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:  
\*\*\*\*\*NONE\*\*\*\*\*

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Toxic Substances Control Act (TSCA) STATUS:

The ingredients of this product are on the TSCA inventory.

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STATE RIGHT-TO-KNOW  
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CALIFORNIA Proposition 65

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

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**SECTION 10**

**REGULATORY INFORMATION**

MASSACHUSETTS Right-To-Know, Substance List (MSL) Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

HAZARDOUS SUBSTANCES (☼ 0%)  
\*\*\*\*\*NONE\*\*\*\*\*

PENNSYLVANIA Right-To-Know, Hazardous Substance List Hazardous Substances and Special Hazardous Substances on the List must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

HAZARDOUS SUBSTANCES (☼ 0%)  
\*\*\*\*\*NONE\*\*\*\*\*

CALIFORNIA SCAQMD RULE 443.1 VOC=S:

Volatiles = substances with a vapor pressure of ☼ 0.5 mmHg at 104 C (219.2F).  
This product contains:  
NO VOC=s

**SECTION 11**

**SHIPPING DATA**

D.O.T. PROPER SHIPPING NAME (49 CFR 172.101-102) -	N/A
HAZARDOUS SUBSTANCE (49 CFR CERCLA List) -	N/A
REPORTABLE QUANTITY (RQ) -	N/A
D.O.T. HAZARD CLASSIFICATION (49 CFR 172.101-102)	
PRIMARY -	None
SECONDARY -	None
D.O.T. LABELS REQUIRED (49 CFR 172.101-102) -	No
D.O.T. PLACARDS REQUIRED (49 CFR 172.504) -	None
POISON CONSTITUENT (49 CFR 172.203 (K)) -	None

**SECTION 12**

**DISCLAIMER**

The information in this Material Safety Data Sheet is believed to be reliable, but is provided without warranty regarding its accuracy. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

KEY:

NA -- Not Applicable  
NTP -- National Toxicology Program  
OSHA -- Occupational Safety and Health Administration  
IARC -- International Agency for Research on Cancer  
ACGIH -- American Conference of Industrial Hygienists  
VOC -- Volatile Organic Carbons