

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

BARRIER CREAM

PRODUCT CODE: #021

CHEMICAL FORMULATION: SKIN PROTECTIVE CREAM

NFPA HAZARD IDENTIFICATION SYSTEM:

HEALTH: 2

FLAMMABILITY: 1

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% optional
MINERAL OIL	64742-06-9	5ppm	5MG/M3		
TRIETHANOLAMINE	102-71-6	N/E	N/E		
PROPANE	74-98-6	1000ppm	1000ppm		
ISOBUTANE	75-28-5	N/E	800ppm		

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): N/A MELTING POINT:
VAPOR PRESSURE (psig@25C): 45 psig SPECIFIC GRAVITY (WATER = 1)(@25C): 0.98
VAPOR DENSITY (AIR=1) >1 VOC CONTENT (% by weight):
SOLUBILITY IN WATER: DISPERSIBLE EVAPORATION RATE (Butyl Acetate=1): <1
pH:
APPEARANCE AND ODOR: WHITE EMULSION - SWEET ODOR

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): NONE (TEST METHOD):
FLAMMABLE LIMITS: N/E UPPER: N/E LOWER: N/E
EXTINGUISHING MEDIA: CO2, STANDARD FOAM, DRY CHEMICAL, HALON
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARD: EXPOSURE TO TEMPERATURES OVER 120 DEGREES F MAY CAUSE BURSTING OR VENTING. HEAT OR FIRE MAY CAUSE HAZARDOUS FUMES: CARBON MONOXIDE

V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: OXIDIZING MATERIALS
MATERIALS TO AVOID: AVOID OXIDIZING MATERIALS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: OPEN FLAMES MAY PRODUCE CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: SOURCES OF HEAT

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VI - HEALTH AND HAZARD DATA

GENERAL: TOXICITY INFORMATION IS NOT AVAILABLE FOR THESE FINISHED PRODUCTS. THIS HEALTH HAZARD ASSESSMENT IS BASED ON INFORMATION AVAILABLE FOR THE COMPONENTS IN THE FINISHED PRODUCT.

THRESHOLD LIMIT VALUE: N/E

OSHA & ACGIH: NOT REGULATED

CARCINOGEN-NTP&IARC PROGRAM: NOT CONSIDERED A CARCINOGEN

SYMPTOMS OF EXPOSURE

IF IN EYES: MAY CAUSE IRRITATIONS, REDNESS, OR IRRITATION

IF ON SKIN: MAY CAUSE ITCHING, DRYNESS, REDNESS, OR WATERING.

IF INGESTED: NAUSEA, HEADACHE, VOMITING

IF INHALED: LARGE AMOUNTS OF VAPORS MAY CAUSE NAUSEA, OR DIZZINESS.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: SKIN SENSITIVITY, CHEMICAL ALLERGIES

PRIMARY ROUTES OF ENTRY: EYES, SKIN, INGESTION, INHALATION

EMERGENCY FIRST AID

IF IN EYES: FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION

IF ON SKIN: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION

IF INGESTED: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION

IF INHALED: REMOVE TO FRESH AIR

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. DIKE AREA IF POSSIBLE FOR MATERIAL RECOVERY. SMALL QUANTITIES MAY BE ABSORBED WITH ABSORBENT MATERIALS

WASTE DISPOSAL METHOD: DISPOSE OF IN A MANNER APPROVED BY LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS EPA STANDARDS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: GENERAL VENTILATION RECOMMENDED TO MAINTAIN THE LEVEL OF THE HAZARDOUS INGREDIENTS TO LESS THAN HALF OF THE TLV.

RESPIRATORY PROTECTION: NONE

PROTECTIVE GLOVES: RUBBER GLOVES. FOR SHORT USAGE NONE REQUIRED.

EYE PROTECTION: SAFETY GOGGLES. FOR SHORT USAGE NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE WHERE TEMPERATURES EXCEED 120 DEGREES FAHRENHEIT.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

WORK/HYGIENIC PRACTICES

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