

Bristol-Myers Squibb Company
Pharmaceutical Group
Material Safety Data Sheet

MSDS Number:

Code : **CAS :** **Rev. Date :** 08-Aug-2000
Status : 1* **Group :** Top

Manufacturer : Bristol-Myers Squibb
Trade Name : Keri Fast Absorbing and Keri Fast Absorbing Fragrance Free(Original Forms)
Synonyms : Keri Fast absorbing (Original)Dry Skin Formula and Keri Fast Absorbing Fragrance Free(Original) Sensitive Skin Formula. Formula reference numbers 4804-94 and 4804-97

Chemical Name :

OSHA Hazards : COM1

Exposure Control Class / Exposure Guideline :

CERCLA/SARA :

Physical State : Smooth, white, thick liquid

Vapor Pressure : Not available

DOT : Not regulated **EPA HW**
:

MSDS Image :

Bristol-Myers Squibb Company
MATERIAL SAFETY DATA SHEET
KeriR Fast Absorbing and KeriR Fast Absorbing Fragrance Free Page: 1 of 9
Revision Date: New Date of Issue: August 8, 2000

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

BRISTOL-MYERS PRODUCTS
A DIVISION OF BRISTOL-MYERS SQUIBB COMPANY
1350 LIBERTY AVENUE
HILLSIDE, NJ 07207-6050
1-800-468-7746

Product Identification KeriR Fast Absorbing Lotion (Dry Skin).
KeriR Fast Absorbing Lotion - Fragrance Free (Sensitive Skin).

Chemical Name: Special Ingredients - Glycerol, Tocopheryl Acetate (Vitamin E Acetate), Aloe Barbadosis Gel (Veragel 1:1)

Synonym: Fast Absorbing: Fast Absorbing - Dry Skin (Reference number 5099-16); Fast Absorbing - Fragrance Free: Fast Absorbing Lotion - Sensitive Skin (Reference number 5099-17)

How Supplied: Fast Absorbing (Dry Skin) and Fast Absorbing Fragrance Free (Sensitive Skin) - plastic (high density polyethylene) bottles.

Product Use: Skin lubricant and moisturizer.

Chemical Family: Not applicable

CAS #: Numerous CAS numbers - see Section 2 below.

EMERGENCY CONTACTS

Health: 1-800-468-7746 (Monday through Friday, daytime). At other times contact CHEMTREC or the local poison control center.

Transportation: CHEMTREC 1-800-424-9300. For all international transportation emergencies call CHEMTREC at 703-527-3887, collect call accepted.

EMERGENCY OVERVIEW: Smooth, white, thick liquid. The constituents of KeriR Fast Absorbing (Dry Skin) and KeriR Fast Absorbing Fragrance Free (Sensitive Skin) are all "generally recognized as safe" under the conditions of the product's intended use, as determined by qualified scientific experts. This product is for external use only.

2. COMPOSITION/INFORMATION ON INGREDIENTS

**COMPONENTS OSHA CONCENTRATION CAS# EXPOSURE
HAZARDOUS (WEIGHT %) GUIDELINE
(Y/N)**

tocopheryl acetate Y 0.2 7695-91-2 None.

water, USP N >1 7732-18-5 None.

white petrolatum, USP N >1 8009-03-85 5 mg/m³ 1,2,
10 mg/m³ TLV-STEL1.
(as mist).

glycerol Y >1 56-81-5 10 mg/m³ 1,2
5 mg/m³ respirable
15 mg/m³ total 2
(as mist).

hexadecanol Y >1 36653-82-4 None.
(cetyl alcohol)

stearic acid Y >1 57-11-4 None.

hydrogenated N >1 68937-10-0 None.
polyisobutene

aloe barbadensis gel N 0.1 NA None.

Present at <1% for fragrance, color, stability, or pH adjustment:

Carbomer, methylparaben, disodium EDTA, magnesium aluminum silicate, sodium hydroxide, dimethicone, PEG-5 Soya Sterol, cyclopentasiloxane, dimethicone copolyol, Arlacel 165, propylparaben, phenoxyethanol, diazolidinyl urea, fragrance*.

*Present in KeriR Fast Absorbing (Dry Skin) but not KeriR Fast Absorbing Fragrance Free (Sensitive Skin).

1 ACGIH TLV TWA=American Conference of Governmental Industrial Hygienists Threshold Limit Value Time- Weighted Average for an 8-hour workday, 40-hour work week. TLV-STEL=ACGIH Threshold Limit Value-Short Term Exposure Limit.

2 OSHA PEL=Occupational Safety and Health Administration Permissible Exposure Limit for an 8-hour workday, 40-hour work week.

3. HEALTH HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE

Routes of Entry:

1. Inhalation: Exposure to this material by inhalation is not expected to occur (lotion). The extent of systematic absorption of the material, if inhalation were to occur, is not known.

2. Skin contact: During manufacture, unwanted exposure may occur if gloves and protective clothing are not worn.

3. Ingestion: Ingestion of large quantities of this material in a use or occupational setting would not be expected to occur. Ingestion of trace amounts of the material might occur if material contacts hands and hands are not washed prior to eating, drinking, or smoking. The extent of systemic absorption of the material after ingestion is not known.

Acute:

1. Ingestion: Inadvertent ingestion of trace amounts of this material would not be expected to result in symptoms.

2. **Inhalation**: Inhalation of small doses of aerosolized material would not be expected to result in symptoms.

3. **Skin Contact**

- a. **Toxic**: Dermal toxicity testing has not been done on this product.
- b. **Irritation**: Toxicology testing indicates that KeriR Fast Absorbing (Dry Skin) and KeriR Fast Absorbing Fragrance Free (Sensitive Skin) are not irritating to the skin.
- c. **Sensitization** : Toxicology testing indicates that these materials do not act as sensitizers (allergens).

4. **Eye Contact**: The constituents, sodium hydroxide, tocopheryl acetate, cyclopentasiloxane, dimethicone copolyol, propylparaben, phenoxyethanol, and fragrance can cause burning and irritation of the eyes during manufacture. Signs associated with eye irritation may include redness, tearing, swelling, and pain.

Chronic: There are no known chronic effects associated with the use of this product.

Exposure Guideline Summary: The Occupational Safety and Health Administration (OSHA) and the American Conference of Governmental Industrial Hygienists (ACGIH) have established Permissible Exposure Limits (PELs) and Threshold Limit Values (TLVs), respectively, for some constituents in this product. Refer to Section 2 for more information. Bristol-Myers Squibb has not developed an exposure guideline for either of these KeriR products.

Carcinogen Lists IARC: No. **NTP**: No. **OSHA**: No.

Target Organs: No known target organs.

Medical Conditions Aggravated by Exposure: None known.

Medical Surveillance Recommendation: None.

For more information refer to Section 11: Toxicological Information.

4. FIRST AID MEASURES

Ingestion: Get medical attention. Do NOT induce vomiting. If vomiting should occur, lower head to below knees to avoid aspiration.

Inhalation: This material is not expected to produce an inhalation exposure at ambient conditions. Remove exposed person to fresh air. If person is not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Get medical attention.

Skin Contact: If contact with constituents of the product should occur during manufacture,

remove contaminated clothing. Wash skin with plenty of water for 15 minutes.

Eye Contact: Hold eyelids apart and flush with running water for at least 15 minutes. Get medical attention if signs of irritation develop.

Note to physicians: Products contain some white petrolatum USP (petroleum distillate product). Induction of vomiting is not warranted.

5. FIRE FIGHTING MEASURES

Flash point: > 200 degrees F.

Autoignition Temperature: Not applicable.

Flammability limits

LEL: Not applicable.

UEL: Not applicable.

Combustibility of Dusts: Not applicable.

Extinguishing Media: In case of fire, use carbon dioxide, foam, or dry chemical.

Firefighting Instructions: Firefighters should wear self-contained breathing apparatus, flame and chemical resistant clothing, boots, and gloves. Evacuate personnel to upwind direction, remove unneeded material, and cool containers with water from a maximum distance. Caution should be used when using water or foam as frothing might occur, especially if sprayed into containers of hot, burning liquid.

Hazardous Combustion Products: CO, CO₂, NO_x, silicon oxides, sodium oxide, formaldehyde, acrolein, acrylate monomers and hydrocarbons.

Unusual Hazards: None.

6. ACCIDENTAL RELEASE MEASURES

Spill/Clean-up: Use wet mop, damp sponge, or wet/dry vacuum. Place collected material in a suitable container for disposal. Do not allow spill to enter sewers or waterways.

7. HANDLING AND STORAGE

Handling Precautions: Avoid unnecessary inhalation, skin, or eye contact with this material.

Container Requirements: Plastic (high density polyethylene) containers as described in Section 1.

Storage Conditions: Store product at room temperature and keep tightly closed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation Requirements: Special ventilation requirements are not necessary during use of this product. During manufacture, enclosure of processes or local exhaust ventilation is required.

Respiratory Protection: Respiratory protection is not necessary during use of this product. When product is manufactured, if engineering controls are not sufficient to control dust/mist exposure, wear approved* respiratory protection for dusts/mists that are appropriate for exposure potential. Self-contained breathing apparatus should be available for emergency use.

*NIOSH approves respiratory protection in the United States.

Eye Protection: Wear safety goggles (ANSI Z87.1) during manufacturing. Wear eye protection during occupational use of this product.

Protective Gloves: Protective gloves are not necessary during use of this product. If the potential exists for dermal contact with the product or its constituents during manufacturing, wear nitrile or low protein, powder free latex gloves. Please note that employees allergic to natural rubber latex should use nitrile gloves.

Special Clothing: Special clothing is not necessary during use of this product. Wear protective overalls during manufacturing whenever the potential exists for contact with the product or its constituents.

Hygiene: During manufacture, wash hands after handling product constituents or the product before eating, smoking, using lavatory, and at the end of the day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State/Color: Smooth, white, thick liquid.

Boiling point: Not available.

Evaporation rate: Not available.

Flash point: >200 degrees F.

Freezing point/Melting point: Not available.

Octanol/water partition coefficient: Not available.

Odor: KeriR Fast Absorbing (Dry Skin) is perfumed.

pH: Not available.

Solubility in water: Not available.

Specific gravity: Not available.

Vapor density: If adequate temperature caused the product to volatilize, its vapor density would be greater than 1 (heavier than air) with the exception of the water present in the product which would rise as steam.

Vapor Pressure: Not available.

Viscosity: More viscous than water.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Incompatibilities: May react with strong oxidizing agents.

Conditions of Reactivity: None known.

Hazardous Decomposition Products CO, CO₂, NO_x, silicon oxides, sodium oxide, formaldehyde, acrolein, acrylate monomers and hydrocarbons.

Hazardous Polymerization: Will not occur.

Explosion data relative to mechanical impact: Not applicable.

Explosion data relative to static discharge: Not applicable.

11. TOXICOLOGICAL INFORMATION

For KeriR Fast Absorbing (Dry Skin) and KeriR Fast Absorbing Fragrance Free (Sensitive Skin) unless otherwise indicated.

RTECS # (U.S.): None assigned.

ACUTE: Under normal conditions of use and exposure, KeriR Fast Absorbing (Dry Skin) and KeriR Fast Absorbing Fragrance Free (Sensitive Skin) do not produce irritation or sensitization.

LD 50 for product: Not available.

LC 50: Not tested.

CHRONIC

Carcinogenicity: KeriR Fast Absorbing (Dry Skin) and KeriR Fast Absorbing Fragrance Free (Sensitive Skin) have not been evaluated for carcinogenic potential. These products

meet the guidelines of Proposition 65 in California.

Mutagenicity: Material has not been evaluated for mutagenicity.

Teratogenicity: Material has not been evaluated for potential to produce adverse effects on the embryo or fetus.

Reproductive Effects: Material has not been evaluated for reproductive effects.

Toxicological synergistic products: None known.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: Not available.

Chemical Fate Information: Not available.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of in accordance with National, State, Local, and applicable country regulations.

14. TRANSPORT INFORMATION

DOMESTIC

Hazard Class (UN #): Not a DOT regulated material.

Proper shipping name: Not applicable.

Label requirements: Not applicable.

Placard requirements: Not applicable.

Limited Quantity Exemption: Not applicable.

INTERNATIONAL

Hazard Class (UN #): Not a regulated material.

Proper shipping name: Not applicable.

Label requirements: Not applicable.

Placard requirements: Not applicable.

Limited Quantity Exemption: Not applicable.

15. REGULATORY/STATUTORY INFORMATION -- not meant to be all inclusive.

U.S. Federal: None noted.

U.S. - California: All levels within these products are acceptable within Proposition 65 limits.

International: None noted.

EC Labeling: Not required.

16. OTHER INFORMATION

This material safety data sheet (MSDS) is intended for use by personnel who handle this material as part of their job responsibilities or individuals who use the product. It does not address proper techniques for use and application of the product. Information concerning use and application of this material should be obtained from the container and/or the case containing multiple containers.

The information contained in this MSDS is believed to be accurate and represents the best information available at the time of preparation. However, we make no warranty, express or implied, with respect to such information, and we assume no liability from its use.

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