

Material Safety Data Sheet

Material Name: Kerafoam Emollient Foam

*** Section 1 - Chemical Product and Company Identification ***

Manufacturer Information

Collegium Pharmaceutical
400 Highland Corporate Drive
Cumberland, RI 02864
Emergency Number: 1-888-713-8154

*** Section 2 - Hazards Identification ***

Emergency Overview

The product may cause allergic or sensitivity reaction for individuals sensitive to one or more of the components.

Potential Health Effects: Eyes

May cause irritation and stinging or burning.

Potential Health Effects: Skin

Allergic or sensitivity reactions are possible, causing irritation or redness.

Potential Health Effects: Ingestion

Not a likely route of entry. If swallowed may cause gastrointestinal discomfort.

Potential Health Effects: Inhalation

May cause respiratory irritation in some sensitive individuals.

HMIS Ratings: Health: 0 Fire: 1 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component
7732-18-5	Water
57-13-6	Urea
811-97-2	1,1,1,2-Tetrafluoroethane
57-55-6	1,2-Propylene glycol
515-98-0	Ammonium lactate
Trade Secret	Emulsifying Wax
36653-82-4	Cetyl alcohol
9005-00-9	Polyoxyethylene monoctadecyl ether
99-76-3	Methyl p-hydroxybenzoate
94-13-3	Propyl-p-hydroxybenzoate

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Remove contact lenses. Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

First Aid: Skin

Immediately take off all contaminated clothing. Physically remove as much of product as possible and thoroughly wash the area with soap and water. If irritation persists, get medical attention.

First Aid: Ingestion

Do not induce vomiting unless directed to do so by medical personnel.

First Aid: Inhalation

None necessary.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.
None identified.

Hazardous Combustion Products

Burning may produce toxic gases.

Extinguishing Media

Use any media suitable for the surrounding fires.

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Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Contain the discharged material.

Clean-Up Procedures

Scoop material and place in a suitable container for disposal. Use soap and water to clean spill area.

Evacuation Procedures

None necessary.

Special Procedures

Wear appropriate personal protective equipment.

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid getting this material into contact with your eyes. Contents under pressure. Do not puncture or incinerate. Keep out of reach of children. Wash thoroughly after handling.

Storage Procedures

Controlled room temperature (59-77°F). Do not expose to temperatures above 120°F (49°C). Protect from freezing.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear safety glasses; chemical goggles (if splashing is possible).

Personal Protective Equipment: Skin

Wear chemical resistant gloves and other protective clothing (lab coat, apron, etc.) when cleaning a large spill.

Personal Protective Equipment: Respiratory

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit.

Personal Protective Equipment: General

None.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	White to Off-White	Odor:	Typical Urea Odor
Physical State:	Foam	pH:	5-9
Vapor Pressure:	ND	Vapor Density:	ND
Boiling Point:	N/A	Melting Point:	N/A
Solubility (H2O):	ND	Specific Gravity:	ND
Evaporation Rate:	ND	VOC:	ND
Octanol/H2O Coeff.:	ND	Flash Point:	ND
Flash Point Method:	ND	Upper Flammability Limit (UFL):	ND
Lower Flammability Limit (LFL):	ND	Burning Rate:	ND
Auto Ignition:	ND		

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*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Excessive heat.

Incompatibility

Urea reacts violently with gallium perchlorate. It reacts with chlorine to form chloramines. Other incompatibles include sodium hypochlorite, sodium nitrate, calcium hypochlorite, NaNO_2 , P_2Cl_5 , nitrosyl perchlorate, strong oxidizing agents (permanganate, nitrate, dichromate, chloride), strong acids and strong bases.

Hazardous Decomposition

Burning may produce toxic gases.

Possibility of Hazardous Reactions

None identified.

*** Section 11 - Toxicological Information ***

Acute Dose Effects

A: General Product Information

None identified.

B: Component Analysis - LD₅₀/LC₅₀

Water (7732-18-5)

Oral LD₅₀ Rat: >90 mL/kg

Urea (57-13-6)

Oral LD₅₀ Rat: 8471 mg/kg

1,1,1,2-Tetrafluoroethane (811-97-2)

Inhalation LC₅₀ Rat: 1500 g/ m³/4H

1,2-Propylene glycol (57-55-6)

Oral LD₅₀ Rat: 20000 mg/kg; Dermal LD₅₀ Rabbit: 20800 mg/kg

Cetyl alcohol (36653-82-4)

Oral LD₅₀ Rat: 5 g/kg; Dermal LD₅₀ Rabbit: >2600 mg/kg

Polyoxyethylene monooleyl ether (9005-00-9)

Oral LD₅₀ Rat: 2900 mg/kg

Methyl p-hydroxybenzoate (99-76-3)

Oral LD₅₀ Rat: 2100 mg/kg

Propyl-p-hydroxybenzoate (94-13-3)

Oral LD₅₀ Mouse: 6332 mg/kg

Carcinogenicity

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No data available for this product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Urea (57-13-6)

Test & Species

Conditions

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96 Hr LC₅₀ Leuciscus idus >3810 mg/L
5 min EC₅₀ Photobacterium 23914 mg/L
phosphoreum
24 Hr EC₅₀ Daphnia magna straus >10000 mg/L

1,2-Propylene glycol (57-55-6)

Test & Species

Conditions

96 Hr LC₅₀ Oncorhynchus mykiss 51600 mg/L [static]
96 Hr LC₅₀ Pimephales promelas 51400 mg/L [static]
96 Hr EC₅₀ Selenastrum 19000 mg/L
capricornutum
30 min EC₅₀ Photobacterium 710 mg/L
phosphoreum
48 Hr EC₅₀ water flea >10000 mg/L

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

No information available for the product.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

US DOT Information

Shipping Name: Not Regulated

*** Section 15 - Regulatory Information ***

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Urea	57-13-6	No	No	Yes	No	No	No
1,1,1,2-Tetrafluoroethane	811-97-2	No	No	Yes	No	No	No
1,2-Propylene glycol	57-55-6	No	No	Yes	No	Yes	Yes

Additional Regulatory Information

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Component Analysis - Inventory

Component	CAS #	TSCA
Water	7732-18-5	Yes
Urea	57-13-6	Yes
1,1,1,2-Tetrafluoroethane	811-97-2	Yes
1,2-Propylene glycol	57-55-6	Yes
Ammonium lactate	515-98-0	Yes
Cetyl alcohol	36653-82-4	Yes
Polyoxyethylene monoctadecyl ether	9005-00-9	Yes
Methyl p-hydroxybenzoate	99-76-3	Yes
Propyl-p-hydroxybenzoate	94-13-3	Yes

*** Section 16 - Other Information ***

Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.