

Material Safety Data Sheet

Material Name: Vivatia (Anti-Aging, Moisturizing 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: 0 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
811-97-2	1,1,1,2-Tetrafluoroethane
56-81-5	Glycerin
515-98-0	Ammonium lactate
57-55-6	1,2-Propylene glycol
67762-27-0	Alcohols, C16-18
Trade Secret	Emulsifying Wax
Not Available	Dimethicone
9005-00-9	Polyoxyethylene monooleyl ether
1310-73-2	Sodium hydroxide
7695-91-2	2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-, acetate
107-88-0	1,3-Butanediol
99-76-3	Methyl p-hydroxybenzoate
8001-97-6	Aloe vera gel
Not Available	Palmitoyl Tetrapeptide-7
9003-01-4	Acrylic resin
9005-64-5	Polysorbate 20
Not Available	Palmitoyl Oligopeptide
94-13-3	Propyl-p-hydroxybenzoate
6381-92-6	Ethylenediaminetetraacetic acid, disodium, dihydrate

*** 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

Discontinue use of product and thoroughly wash the area with soap and water. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, consult a physician.

First Aid: Ingestion

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

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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.

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: 0 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 contact with eyes. For external use only. Contents under pressure. Do not puncture or incinerate container.

Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Discontinue use if signs of irritation or rash appear.

Storage Procedures

Do not store at or expose to temperatures above 120°F (49°C).

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

A: Component Exposure Limits

Glycerin (56-81-5)

ACGIH: 10 mg/m³ TWA (mist)

OSHA: 15 mg/m³ TWA (total); 5 mg/m³ TWA (respirable fraction)

Sodium hydroxide (1310-73-2)

ACGIH: 2 mg/m³ Ceiling

OSHA: 2 mg/m³ TWA

NIOSH: 2 mg/m³ Ceiling

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.

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Personal Protective Equipment: General

None.

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

Appearance:	White to Off-White	Odor:	None
Physical State:	Foam	pH:	4-7
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		

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

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Excessive heat.

Incompatibility

None known

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

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

Inhalation LC₅₀ Rat: 1500 g/m³/4H

Glycerin (56-81-5)

Inhalation LC₅₀ Rat: >570 mg/m³/1H; Oral LD₅₀ Rat: 12600 mg/kg; Dermal LD₅₀ Rat: >21900 mg/kg

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

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

Alcohols, C16-18 (67762-27-0)

Oral LD₅₀ Rat: >10000 mg/kg; Dermal LD₅₀ Rabbit: >8000 mg/kg

Polyoxyethylene monoolethyl ether (9005-00-9)

Oral LD₅₀ Rat: 2900 mg/kg

Sodium hydroxide (1310-73-2)

Dermal LD₅₀ Rabbit: 1350 mg/kg

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1,3-Butanediol (107-88-0)

Oral LD₅₀ Rat: 18610 mg/kg; Dermal LD₅₀ Rabbit:>20 g/kg

Methyl p-hydroxybenzoate (99-76-3)

Oral LD₅₀ Rat: 2100 mg/kg

Aloe vera gel (8001-97-6)

Oral LD₅₀ Rat: >5 g/kg

Polysorbate 20 (9005-64-5)

Oral LD₅₀ Rat: 36700 µL/kg

Acrylic resin (9003-01-4)

Oral LD₅₀ Rat: 2500 mg/kg

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

Oral LD₅₀ Mouse: 6332 mg/kg

Carcinogenicity

Component Carcinogenicity

Acrylic resin (9003-01-4)

IARC: Supplement 7 [1987], Monograph 19 [1979] (Group 3 (not classifiable))

* * * Section 12 - Ecological Information * * *

Ecotoxicity

A: General Product Information

No data available for this product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Glycerin (56-81-5)

Test & Species

	Conditions
96 Hr LC ₅₀ Oncorhynchus mykiss	51000-57000 mg/L
24 Hr EC ₅₀ Daphnia magna	>500 mg/L

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

Test & Species

	Conditions
96 Hr LC ₅₀ Oncorhynchus mykiss	51600 mg/L [static]
96 Hr LC ₅₀ Pimephales promelas	51400 mg/L [static]
96 Hr EC ₅₀ Selenastrum capricornutum	19000 mg/L
30 min EC ₅₀ Photobacterium phosphoreum	710 mg/L
48 Hr EC ₅₀ water flea	>10000 mg/L

Alcohols, C16-18 (67762-27-0)

Test & Species

	Conditions
48 Hr EC ₅₀ Daphnia magna	1666 mg/L

Sodium hydroxide (1310-73-2)

Test & Species

	Conditions
96 Hr LC ₅₀ Oncorhynchus mykiss	45.4 mg/L [static]

Acrylic resin (9003-01-4)

Test & Species

Conditions

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96 Hr LC₅₀ Lepomis macrochirus 580 mg/L
96 Hr EC₅₀ water flea 168 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

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Sodium hydroxide (1310-73-2)

CERCLA: 1000 lb final RQ; 454 kg final RQ

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
1,1,1,2-Tetrafluoroethane	811-97-2	No	No	Yes	No	No	No
Glycerin	56-81-5	No	Yes	Yes	Yes	Yes	Yes
1,2-Propylene glycol	57-55-6	No	No	Yes	Yes	Yes	Yes
Sodium hydroxide	1310-73-2	Yes	Yes	Yes	Yes	Yes	Yes

Additional Regulatory Information

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Component Analysis - Inventory

Component	CAS #	TSCA
Water	7732-18-5	Yes
1,1,1,2-Tetrafluoroethane	811-97-2	Yes
Glycerin	56-81-5	Yes
Ammonium lactate	515-98-0	Yes
1,2-Propylene glycol	57-55-6	Yes
Alcohols, C16-18	67762-27-0	Yes
Polyoxyethylene monoctadecyl ether	9005-00-9	Yes
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-, acetate	7695-91-2	Yes
Sodium hydroxide	1310-73-2	Yes
1,3-Butanediol	107-88-0	Yes
Methyl p-hydroxybenzoate	99-76-3	Yes
Aloe vera gel	8001-97-6	No
Polysorbate 20	9005-64-5	Yes
Acrylic resin	9003-01-4	Yes
Propyl-p-hydroxybenzoate	94-13-3	Yes
Ethylenediaminetetraacetic acid, disodium, dihydrate	6381-92-6	No

* * * 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.