

1. Identification

Product identifier REDKEN FRIZZ DISMISS SALT-FREE SHAMPOO

Other means of identification

SDS number 00-11-232-0

Recommended use Personal care product used for cosmetic effect.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

US Address: L'Oreal USA Products, Inc
133 Terminal Avenue
Clark, NJ 07066
USA

Canadian Address: L'Oreal Canada
4895 rue Hickmore
Ville St-Laurent, H4T 1K5
Canada

Emergency Phone # : 1-800-535-5053 (International: 352-323-3500)
In Canada - 1-613-996-6666 (Canutec (*666 Cellular))

For further Information: 1-732-499-2741

Poison Control # : 412-390-3326

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Serious eye damage/eye irritation Category 1

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Causes serious eye damage.

Precautionary statement

Prevention Wear eye protection/face protection.

Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Take off contaminated clothing and wash it before reuse.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
SODIUM LAUROYL METHYL ISETHIONATE		928663-45-0	10.05
COCAMIDE MIPA		68333-82-4	3
SODIUM LAUROYL SARCOSINATE		137-16-6	2.4
DECYL GLUCOSIDE		54549-25-6	1.06

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Do not get this material in contact with eyes. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
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Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).
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8. Exposure controls/personal protection

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Applicable for industrial settings only. Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection	
Hand protection	Applicable for industrial settings only. Wear appropriate chemical resistant gloves.
Other	Applicable for industrial settings only. Wear suitable protective clothing.
Respiratory protection	Applicable for industrial settings only. In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Color	Not available.
Odor	Characteristic.
Odor threshold	Not available.
pH	6 - 6.6
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 212 °F (> 100 °C)
Flash point	> 212.0 °F (> 100.0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.

Oxidizing properties Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye damage.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity Not known.

Product	Species	Test Results
REDKEN FRIZZ DISMISS SALT-FREE SHAMPOO		
<u>Acute</u>		
Dermal		
ATEmix		1.887e+006 mg/kg
Oral		
ATEmix		787400 mg/kg
Components	Species	Test Results
COCAMIDE MIPA (CAS 68333-82-4)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg OECD 402
Oral		
LD50	Rat	> 2000 mg/kg OECD 401
DECYL GLUCOSIDE (CAS 54549-25-6)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg OECD 402
Oral		
LD50	Rat	> 5000 mg/kg OECD 401
SODIUM LAUROYL METHYL ISETHIONATE (CAS 928663-45-0)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 2000 mg/kg OECD 410
Oral		
LD50	Rat	8400 mg/kg

Components	Species	Test Results
SODIUM LAUROYL SARCOSINATE (CAS 137-16-6)		
Acute		
Inhalation		
<i>Aerosol</i>		
LC50	Rat	0.05 - 0.5 mg/l, 4 h OECD 403
Oral		
LD50	Rat	> 5000 mg/kg OECD 401
Skin corrosion/irritation	No adverse effects due to skin contact are expected.	
Irritation Corrosion - Skin		
DECYL GLUCOSIDE		OECD 404 Result: Irritating Species: Rabbit
SODIUM LAUROYL SARCOSINATE		OECD 404, 30% Sol. Result: Slightly Irritating Species: Rabbit
COCAMIDE MIPA		OECD 404, Based on test data for structurally similar materials. Result: Irritating Species: Rabbit
SODIUM LAUROYL METHYL ISETHIONATE		Result: Slightly Irritating Species: Rabbit
Serious eye damage/eye irritation	Causes serious eye damage.	
Irritation Corrosion - Eye		
DECYL GLUCOSIDE		OECD 405 Result: Corrosive Species: Rabbit
SODIUM LAUROYL METHYL ISETHIONATE		OECD 405 Result: Irritating Species: Rabbit
SODIUM LAUROYL SARCOSINATE		OECD 405, 30% Sol. Result: Irritating Species: Rabbit
COCAMIDE MIPA		OECD 405, Based on test data for structurally similar materials. Result: Corrosive Species: Rabbit
Respiratory or skin sensitization		
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Skin sensitization		
SODIUM LAUROYL SARCOSINATE		EU B.6 Result: Not Sensitizing Species: Guinea pig
COCAMIDE MIPA		OECD 406 Result: Not Sensitizing Species: Guinea pig
DECYL GLUCOSIDE		OECD 406 Result: Not Sensitizing Species: Guinea pig
SODIUM LAUROYL METHYL ISETHIONATE		OECD 406 Result: Not Sensitizing Species: Guinea pig
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Mutagenicity		
DECYL GLUCOSIDE		Result: In vitro and in vivo tests did not show mutagenic effects.
COCAMIDE MIPA		Result: In vitro tests did not show mutagenic effects
SODIUM LAUROYL SARCOSINATE		Result: In vitro tests did not show mutagenic effects
Carcinogenicity	Not classifiable as to carcinogenicity to humans.	

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Developmental effects

COCAMIDE MIPA	> 1000 mg/kg bw/d OECD 414, Based on test data for structurally similar materials. Result: NOAEL Species: Rat
SODIUM LAUROYL SARCOSINATE	>= 250 mg/kg bw/d OECD 414 Result: NOAEL Species: Rat
SODIUM LAUROYL METHYL ISETHIONATE	1000 mg/kg bw/d OECD 414 Result: NOAEL Species: Rat
DECYL GLUCOSIDE	1000 mg/kg bw/d OECD 414, No effects on development Result: NOAEL Species: Rat

Reproductivity

SODIUM LAUROYL METHYL ISETHIONATE	1000 mg/kg bw/d OECD 421 Result: NOAEL Species: Rat
DECYL GLUCOSIDE	1000 mg/kg bw/d OECD 421, No effects on fertility Result: NOAEL Species: Rat

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

COCAMIDE MIPA	> 750 mg/kg bw/d OECD 407, Oral Result: NOAEL Species: Rat Test Duration: 28 d
SODIUM LAUROYL METHYL ISETHIONATE	>= 1000 mg/kg bw/d OECD 407 Result: NOAEL Species: Rat Test Duration: 28 d
DECYL GLUCOSIDE	1000 mg/kg bw/d EU B.26, Oral Result: NOAEL Species: Rat Test Duration: 90 d
SODIUM LAUROYL SARCOSINATE	250 mg/kg bw/d OECD 408, Oral Result: NOAEL Species: Rat Test Duration: 90 d

Aspiration hazard Not an aspiration hazard.

Further information The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
COCAMIDE MIPA (CAS 68333-82-4)		
Aquatic		
<i>Acute</i>		
Algae	EC50	Pseudokirchneriella subcapitata > 9.4 mg/l, 72 h OECD 201
Crustacea	LC50	Daphnia magna 3.7 mg/l, 48 h OECD 202
Fish	LC50	Fish 2.7 mg/l, 96 h QSAR

Components		Species	Test Results
Other	EC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h OECD 209
<i>Chronic</i>			
Algae	NOEC	Pseudokirchneriella subcapitata	1 mg/l, 72 h OECD 201
Crustacea	NOEC	Daphnia magna	0.07 mg/l, 21 d OECD 211
Fish	NOEC	Oncorhynchus mykiss	0.32 mg/l, 28 d OECD 204
DECYL GLUCOSIDE (CAS 54549-25-6)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	19 mg/l, 72 h DIN 38412 PT 9
Crustacea	EC50	Daphnia magna	7 mg/l, 48 h OECD 202
Fish	LC50	Danio rerio	2.95 mg/l, 96 h OECD 203
Other	EC0	Pseudomonas putida	1000 mg/l, 0.5 h DIN 38412 PT 8
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	2 mg/l, 21 d OECD 202
Fish	NOEC	Danio rerio	1.8 mg/l, 28 d OECD 204
SODIUM LAUROYL METHYL ISETHIONATE (CAS 928663-45-0)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	46.3 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	14.1 mg/l, 48 h OECD 202
Fish	LC50	Oncorhynchus mykiss	> 25 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 160 mg/l, 3 h OECD 209
SODIUM LAUROYL SARCOSINATE (CAS 137-16-6)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	23.7 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	8.91 mg/l, 48 h OECD 202
Fish	LC50	Danio rerio	32.1 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h OECD 209

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

COCAMIDE MIPA	74 % ISO 14593 Result: Readily Biodegradable Test Duration: 28 d
SODIUM LAUROYL METHYL ISETHIONATE	83.9 % OECD 301 B Result: Readily Biodegradable Test Duration: 28 d
SODIUM LAUROYL SARCOSINATE	82 % ISO 14593 Result: Readily Biodegradable Test Duration: 28 d

Percent degradation (Aerobic biodegradation-inherent)

DECYL GLUCOSIDE	100 % OECD 301 E Result: Readily Biodegradable Test Duration: 28 d
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Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

COCAMIDE MIPA	3.77
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Bioconcentration factor (BCF)

COCAMIDE MIPA	143
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Bioaccumulation
COCAMIDE MIPA

Result: Bioaccumulation is unlikely.

Mobility in soil

No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

FINISHED GOODS

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

IATA

FINISHED GOODS

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

IMDG

FINISHED GOODS

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No (Exempt)

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

16. Other information, including date of preparation or last revision

Issue date 05-31-2022

Version # 01

NFPA ratings Health: 3
Flammability: 1
Instability: 0

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.