

1. Identification

Product identifier	REDKEN FRIZZ DISMISS DRY DAY OIL BI-PHASE
Other means of identification	
SDS number	30-33-002-0
Recommended use	Personal care product used on the hair 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	Flammable liquids	Category 3
Health hazards	Serious eye damage/eye irritation	Category 2A
OSHA defined hazards	Not classified.	

Label elements



Signal word Warning
Hazard statement Flammable liquid and vapor. Causes serious eye irritation.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection.

Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media to extinguish.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

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	%
ETHANOL		64-17-5	17.5
CYCLOPENTASILOXANE		541-02-6	7.14
LACTIC ACID		50-21-5	1.22

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. 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 if irritation develops and persists.
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.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. 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	In case of fire and/or explosion do not breathe fumes. 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	Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. 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	Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 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 handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep out of the reach of children. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection**Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
ETHANOL (CAS 64-17-5)	PEL	1900 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
ETHANOL (CAS 64-17-5)	TWA	1900 mg/m ³ 1000 ppm

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
CYCLOPENTASILOXANE (CAS 541-02-6)	TWA	10 ppm

Exposure limit values**Industrial/Professional Use**

Components	Type	Value
CYCLOPENTASILOXANE (CAS 541-02-6)	TWA	10 ppm

Comments:

Dow Corning OEL

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) 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**

Wear safety glasses with side shields (or goggles).

Skin protection**Hand protection**

Wear appropriate chemical resistant gloves.

Other

Wear suitable protective clothing.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. 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	Transparent
Odor	Characteristic.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 95 °F (> 35 °C)
Flash point	78.8 °F (26.0 °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.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	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	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. 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 irritation.
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.

Information on toxicological effects

Acute toxicity	Not known.	
Components	Species	Test Results
CYCLOPENTASILOXANE (CAS 541-02-6)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg bw OECD 402
Inhalation		
<i>Aerosol</i>		
LC50	Rat	8.67 mg/L air, 4 h OECD 403
Oral		
LD50	Rat	> 5000 mg/kg bw OECD 401
ETHANOL (CAS 64-17-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 20000 mg/kg bw
Inhalation		
<i>Vapor</i>		
LC50	Rat	124.7 mg/L air, 4 h OECD 403
Oral		
LD50	Rat	10470 mg/kg bw OECD 401
LACTIC ACID (CAS 50-21-5)		
<u>Acute</u>		
Oral		
LD50	Rat	3543 mg/kg
* Estimates for product may be based on additional component data not shown.		
Skin corrosion/irritation	No adverse effects due to skin contact are expected.	
Irritation Corrosion - Skin		
CYCLOPENTASILOXANE		OECD 404 Result: Not Irritating Species: Rabbit
ETHANOL		OECD 404 Result: Not Irritating Species: Rabbit
Serious eye damage/eye irritation	Causes serious eye irritation.	
Irritation Corrosion - Eye		
ETHANOL		OECD 405 Result: Irritating Species: Rabbit
CYCLOPENTASILOXANE		OECD 405 Result: Not Irritating 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		
CYCLOPENTASILOXANE		Buehler Test Result: Not Sensitizing Species: Guinea pig
ETHANOL		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

CYCLOPENTASILOXANE

Result: In vitro and in vivo tests did not show mutagenic effects.

ETHANOL

Result: In vitro and in vivo 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 1910.1001-1050)

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

ETHANOL

> 20000 ppm OECD 414, No effects on development
Result: NOAEL
Species: Rat**Reproductivity**

CYCLOPENTASILOXANE

> 160 ppm EPA OPPTS 870.3800, Vapor
Result: NOAEL
Species: Rat

ETHANOL

20700 mg/kg bw/d OECD 416, No effects on fertility
Result: NOAEL
Species: Rat**Specific target organ toxicity - single exposure**

Not classified.

Specific target organ toxicity - repeated exposure

Not classified.

CYCLOPENTASILOXANE

> 1600 mg/kg bw/d OECD 407, Oral
Result: NOAEL
Species: Rat
160 ppm OECD 412, Inhalation
Result: NOAEL
Species: Rat
1600 mg/kg bw/d OECD 410, Dermal
Result: NOAEL
Species: Rat
1730 mg/kg bw/d OECD 408, Oral
Result: NOAEL
Species: Rat

ETHANOL

Aspiration hazard

Not an aspiration hazard.

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**

ETHANOL (CAS 64-17-5)

Aquatic*Acute*

Algae

EC50

Pseudokirchneriella subcapitata

22200 mg/l, 96 h

Crustacea

EC50

Ceriodaphnia dubia

5012 mg/l, 48 h

Fish

LC50

Pimephales promelas

15300 mg/l, 96 h

Other

IC50

Activated sludge of a predominantly domestic sewage

> 1000 mg/l, 3 h

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

Biodegradability**Percent degradation (Aerobic biodegradation)**

ETHANOL

84 %

Result: Readily Biodegradable

Test Duration: 20 d

Bioaccumulative potential**Partition coefficient n-octanol / water (log Kow)**

CYCLOPENTASILOXANE

5.2

ETHANOL

-0.31

LACTIC ACID

-0.72

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.

Hazardous waste code

This product is ignitable (D001) RCRA hazardous wastes when intended for disposal.

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****UN number**

UN1266

UN proper shipping name

PERFUMERY PRODUCTS, Limited Quantity

Class

3

Packing group

III

Transport hazard class(es)**Label(s)**

Limited Quantity

Packaging exceptions

150

LTD QTY Net Inner Capacity

5.0 L

BULK**UN number**

UN1266

UN proper shipping name

PERFUMERY PRODUCTS

Class

3

Packing group

III

Transport hazard class(es)**Label(s)**

3

Special provisions

B1, IB3, T2, TP1

Packaging non bulk

203

IATA**FINISHED GOODS****UN number**

ID8000

UN proper shipping name

CONSUMER COMMODITY

Class

9

Packing group

Not applicable.

Transport hazard class(es)**Label(s)**

Class 9, Limited Quantity

ERG Number

9L

Special Provisions

A112

LTD QTY Net Inner Capacity

0.5 L

Packing instruction (LQ)

Y963

BULK**UN number**

UN1266

UN proper shipping name	PERFUMERY PRODUCTS
Class	3
Packing group	III
ERG Number	3L
Special Provisions	A3,A72

IMDG

FINISHED GOODS

UN number	UN1266
UN proper shipping name	PERFUMERY PRODUCTS, Limited Quantity
Class	3
Packing group	III
Environmental Hazards	
Marine pollutant	No.
Transport hazard class(es)	
Label(s)	Limited Quantity
EmS	F-E, S-D
LTD QTY Net Inner Capacity	5.0 L

BULK

UN number	UN1266
UN proper shipping name	PERFUMERY PRODUCTS
Class	3
Packing group	III
Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D

15. Regulatory information

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

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

ETHANOL (CAS 64-17-5) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes
	Delayed Hazard - No
	Fire Hazard - Yes
	Pressure Hazard - No
	Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes
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SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

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

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)	Not regulated.
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FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

ETHANOL (CAS 64-17-5)	Low priority
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16. Other information, including date of preparation or last revision

Issue date 05-16-2018

Version # 01

NFPA ratings Health: 2
Flammability: 3
Instability: 0

Disclaimer Redken cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.