REDKEN
5TH AVENUE NYC

SAFETY DATA SHEET

1. Identification

Product identifier **REDKEN FRIZZ DISMISS DRY DAY OIL**

Other means of identification

SDS number 34-31-0000004

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 Flammable liquids Category 4

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.

Signal word Warning

Hazard statement Combustible liquid.

Precautionary statement

Prevention Keep away from flames and hot surfaces-No smoking. Wear protective gloves/eye protection/face protection.

Response 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	%
CYCLOPENTASILOXANE		541-02-6	36.93
ISOHEXADECANE		93685-80-4	9.32

*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 Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed Not available.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically.

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 (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. 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 Combustible liquid.

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. 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 Keep combustibles (wood, paper, oil, etc.) away from spilled material.

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. 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 Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Avoid prolonged exposure. Provide adequate ventilation. 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. 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 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.

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 Not available.

Odor Characteristic.

Odor threshold Not available.

pH 5.1 - 6.9

Melting point/freezing point Not available.

Initial boiling point and boiling range > 212 °F (> 100 °C)

Flash point 189.7 °F (87.6 °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	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	No adverse effects due to eye contact are expected.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Not available.

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
CYCLOPENTASILOXANE (CAS 541-02-6)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg bw OECD 402
Inhalation		
Aerosol		
LC50	Rat	8.67 mg/L air, 4 h OECD 403
Oral		
LD50	Rat	> 5000 mg/kg bw OECD 401
ISOHEXADECANE (CAS 93685-80-4)		
Acute		
Dermal		
LD50	Rat	> 3160 mg/kg OECD 402
Inhalation		
Mist		
LC50	Rat	1.73 mg/l, 4 h OECD 403
Oral		
LD50	Rat	> 5000 mg/kg OECD 401

* 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
ISOHEXADECANE	OECD 404 Result: Not Irritating Species: Rabbit

Serious eye damage/eye irritation No adverse effects due to eye contact are expected.

Irritation Corrosion - Eye

CYCLOPENTASILOXANE	OECD 405 Result: Not Irritating Species: Rabbit
ISOHEXADECANE	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
ISOHEXADECANE	OECD 406, Based on test data for structurally similar materials. 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.
ISOHEXADECANE	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

ISOHEXADECANE	> 5000 mg/kg bw/d OECD 414, Based on test data for structurally similar materials. Result: NOAEL Species: Rat

Reproductivity

CYCLOPENTASILOXANE	> 160 ppm EPA OPPTS 870.3800, Vapor Result: NOAEL Species: Rat
ISOHEXADECANE	>= 3000 mg/kg bw/d OECD 415, Based on test data for structurally similar materials. Result: NOAEL Species: Rat

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Specific target organ toxicity - repeated exposure

ISOHEXADECANE	> 10400 mg/L air OECD 413, Inhalation Result: NOAEC Species: Rat Test Duration: 13 weeks
CYCLOPENTASILOXANE	> 1600 mg/kg bw/d OECD 407, Oral Result: NOAEL Species: Rat
ISOHEXADECANE	> 495 mg/kg bw/d OECD 411, Dernal Result: NOAEL Species: Rat Test Duration: 13 weeks >= 5000 mg/kg bw/d OECD 408, Oral Result: NOAEL Species: Rat Test Duration: 13 weeks
CYCLOPENTASILOXANE	160 ppm OECD 412, Inhalation Result: NOEAC Species: Rat 1600 mg/kg bw/d OECD 410, Dermal Result: NOAEL Species: Rat

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
CYCLOPENTASILOXANE (CAS 541-02-6)			
Aquatic			
Acute			
Algae	EC50	Pseudokirchneriella subcapitata	> 12 µg/l, 96 h OECD 201
Crustacea	EC50	Daphnia magna	> 2.9 µg/l, 48 h OECD 202
Fish	LC50	Oncorhynchus mykiss	> 16 µg/l, 96 h OECD 204
Chronic			
Crustacea	NOEC	Daphnia magna	> 15 µg/l, 21 d OECD 211
Fish	NOEC	Oncorhynchus mykiss	> 14 µg/l, 90 d OECD 210
Other	EC50	Activated sludge of a predominantly domestic sewage	> 2000 mg/l, 3 h EU C.11
ISOHEXADECANE (CAS 93685-80-4)			
Aquatic			
Acute			
Algae	EL50	Skeletonema costatum	> 10000 mg/l, 72 h ISO 10253
Crustacea	LL50	Acartia tonsa	> 3193 mg/l, 48 h ISO 14669
Fish	LL50	Scophthalmus maximus	> 1028 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 100 mg/l, 3 h OECD 209
Chronic			
Fish	NOEC	Oncorhynchus mykiss	> 1000 mg/l, 28 d QSAR

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

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

CYCLOPENTASILOXANE	0.14 % OECD 310 Result: Not Readily Biodegradable

Biodegradability

Percent degradation (Aerobic biodegradation)

ISOHEXADECANE	74 % OECD 306 Result: Readily Biodegradable Test Duration: 28 d

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

CYCLOPENTASILOXANE	5.2

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 Not regulated.

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

UN number	NA1993
UN proper shipping name	COMBUSTIBLE LIQUID, N.O.S. (CYCLOPENTASILOXANE)
Class	Combustible liq
Packing group	III
Transport hazard class(es)	
Label(s)	None
Special provisions	IB3, T1, T4, TP1
Packaging non bulk	203

Materials classified as combustible liquids are only regulated for transport when offered in bulk packaging (>119 gallons).

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.

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 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No

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.

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

Issue date

09-25-2018

Version #

01

NFPA ratings

Health: 0
Flammability: 2
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.