

SAFETY DATA SHEET

REDKEN OIL DEVELOPER 10 VOL

Version 1.0
Revision Date: 07/16/2025

Date of last issue: -
Date of first issue: 07/16/2025

SDS Number:
00-26-
400000201353

SECTION 1. IDENTIFICATION

Product name : REDKEN OIL DEVELOPER 10 VOL

Formula Center Reference : 1286208

Manufacturer or supplier's details

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

Telephone : 1-732-499-2745

E-mail address : CORPREGAFFAIRSMSDS@LOREAL.COM

Emergency telephone

INFOTRAC : 1-800-535-5053 (International: +1 352-323-3500) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Recommended use of the chemical and restrictions on use

Recommended use : Personal care product used for cosmetic effect.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

Other hazards None known.

GHS label elements

Not a hazardous substance or mixture.

Precautionary Statements : P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Components

Chemical name	CAS No./Unique ID	Concentration (% w/w)
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MINERAL OIL	8042-47-5*	>= 10 - <= 30
HYDROGEN PEROXIDE	7722-84-1*	>= 3 - <= 7

* Indicates that the identifier is a CAS No.

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air.
Call a physician if symptoms develop or persist.

In case of skin contact : Get medical attention if irritation develops and persists.

In case of eye contact : Rinse with water.
If eye irritation persists, consult a specialist.

If swallowed : Rinse mouth with water.
Induce vomiting immediately and call a physician. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during fire water fighting courses : Do not allow run-off from fire fighting to enter drains or courses.

Hazardous combustion products : No hazardous combustion products are known.

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:
: Prevent fire extinguishing water from contaminating surface water or the ground water system. Standard procedure for chemical fires.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.

Methods and materials for : Wipe up with absorbent material (e.g. cloth, fleece).
containment and cleaning up Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against : Normal measures for preventive fire protection.
fire and explosion

Advice on safe handling : For personal protection see section 8.

Conditions for safe storage : Keep container tightly closed in a dry and well-
ventilated place.

Materials to avoid : Do not store near acids.

Further information on stor- : No decomposition if stored and applied as directed.
age stability

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters /	Basis

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			Permissible concentration	
MINERAL OIL	8042-47-5	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
HYDROGEN PEROXIDE	7722-84-1	TWA	1 ppm	ACGIH
		TWA	1 ppm 1.4 mg/m3	NIOSH REL
		TWA	1 ppm 1.4 mg/m3	OSHA Z-1
		TWA	1 ppm 1.4 mg/m3	OSHA P0

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally re-

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quired.

Hand protection

Remarks : Applicable for industrial settings only. Nitrile rubber

Eye protection : Applicable for industrial settings only.
Safety glasses

Skin and body protection : Applicable for industrial settings only.
Work uniform or laboratory coat.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid

Form : cream

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Color : white

Odor : Unscented.

pH : 4.0 - 4.4

Melting point/freezing point : No data available

Boiling point/boiling range : Not available

Flash point : > 199 °F / > 93 °C
Method: ISO 3679

Flash point : Not applicable

Fire Point : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Lower explosion limit / Lower flammability limit

Vapor pressure

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Relative vapor density : No data available

Relative density : 0.957 - 0.963 (68 °F / 20 °C)

Solubility(ies)
Water solubility : partly soluble

Partition coefficient:
noctanol/water : Not applicable

Autoignition temperature : No data available

Decomposition temperature : Not applicable

Viscosity
Viscosity, kinematic : No data available

Dust explosion class : Not applicable

Particle characteristics
Particle size : Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reac- : No decomposition if stored and applied as
directed. tions

Conditions to avoid : No data available

Incompatible materials : Not applicable

Hazardous decomposition : No hazardous decomposition products are known.
products

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Based on available data, the classification criteria are not met.

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Product:

Acute oral toxicity : Acute toxicity estimate: 3,333 mg/kg
Method: Calculation method

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Acute inhalation toxicity : Acute toxicity estimate: > 200 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: Calculation method

Components:

MINERAL OIL:

Acute oral toxicity : LD50 (Rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 401
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat, male and female): > 5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

HYDROGEN PEROXIDE:

Acute oral toxicity : LD50 (Rat, female): > 50 - 300 mg/kg Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat, male and female): 10 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: OECD Test Guideline 403

LC50: 0.7 mg/l Exposure
time: 4 h
Test atmosphere: Mist

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Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,000 mg/kg

Method: OECD Test Guideline 402

Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Components:

MINERAL OIL:

Species : Rabbit

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Method : OECD Test Guideline 404

Result : No skin irritation

HYDROGEN PEROXIDE:

Species : Rabbit

Method : OECD Test Guideline 404

Result : Corrosive after 3 minutes or less of exposure

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Components:

MINERAL OIL:

Species : Rabbit

Result : No eye irritation

Method : OECD Test Guideline 405

HYDROGEN PEROXIDE:

Species : Rabbit

Result : Risk of serious damage to eyes.

Method : OECD Test Guideline 405

Respiratory or skin sensitization Skin sensitization

Based on available data, the classification criteria are not met.

Respiratory sensitization

Based on available data, the classification criteria are not met.

Components:

MINERAL OIL:

Routes of exposure : Skin contact

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Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitization.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Components:

MINERAL OIL:

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

HYDROGEN PEROXIDE:

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Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

Carcinogenicity

Based on available data, the classification criteria are not met.

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Components:

MINERAL OIL:

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

STOT-single exposure

Based on available data, the classification criteria are not met.

Components:

HYDROGEN PEROXIDE:

Routes of exposure : Inhalation

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Target Organs : Respiratory Tract
Assessment : May cause respiratory irritation.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration toxicity

Based on available data, the classification criteria are not met.

Components:

MINERAL OIL:

May be fatal if swallowed and enters airways.

Further information

Product:

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

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity Toxicity to daphnia and other :
aquatic invertebrates (Chronic toxicity)

Components:

MINERAL OIL:

Toxicity to fish :
: **HYDROGEN PEROXIDE:**
Toxicity to fish :

Toxicity to daphnia and other aquatic invertebrates :
Toxicity to daphnia and other aquatic invertebrates

Toxicity to algae/aquatic plants :
Toxicity to algae/aquatic plants :

Toxicity to fish (Chronic toxicity) :
: Toxicity to daphnia and other :
aquatic invertebrates (Chronic toxicity)

Persistence and degradability Components:

MINERAL OIL:

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Biodegradability : Result: Inherently biodegradable.

LL50 (*Leuciscus idus* (Golden orfe)): > 10,000 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

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EL50 (*Daphnia magna* (Water flea)): > 100 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

NOELR (*Pseudokirchneriella subcapitata* (green algae)): >= 100 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

NOEC (*Oncorhynchus mykiss* (rainbow trout)): > 1,000 mg/l
Exposure time: 28 d

NOEC (*Daphnia magna* (Water flea)): 10 mg/l
Exposure time: 21 d
Method: OECD Test Guideline 211
Remarks: No toxicity at the limit of solubility.

LL50 (*Pimephales promelas* (fathead minnow)): 16.4 mg/l
Exposure time: 96 h

LC50 (*Daphnia pulex* (Water flea)): 2.4 mg/l
Exposure time: 48 h

EC50 (*Skeletonema costatum* (marine diatom)): 1.38 mg/l
Exposure time: 72 h

NOEC (*Daphnia magna* (Water flea)): 0.63 mg/l
Exposure time: 21 d

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Biodegradation: 31 %
Exposure time: 28 d
Method: OECD Test Guideline 301F

HYDROGEN PEROXIDE:

Biodegradability : Result: Readily biodegradable.

Bioaccumulative potential

Components:

HYDROGEN PEROXIDE:

Partition coefficient: : log Pow: -1.57
noctanol/water

Mobility in soil

No data available

Other adverse effects

Product:

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

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Dispose of in accordance with local regulations.

Contaminated packaging : Do not re-use empty containers.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

Domestic regulation 49 CFR

Not regulated as a dangerous good

International Regulations IATA-DGR

Not regulated as a dangerous good

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IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to IMO instruments Not applicable for product as supplied.

Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)
HYDROGEN PEROXIDE	7722-84-1	1000

SARA 311/312 Hazards : No SARA Hazards

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

SECTION 16. OTHER INFORMATION

Further information

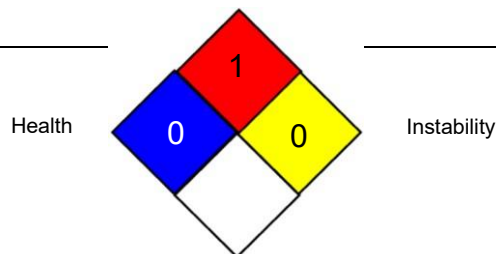
NFPA 704:

Flammability

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Special hazard

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL : USA. NIOSH Recommended Exposure Limits
OSHA P0 : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA : 8-hour, time-weighted average
NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST : STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA : 8-hour time weighted average
OSHA Z-1 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -

Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health

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Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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.

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