SAFETY DATA SHEET



SECTION 1: Identification of the substance/mixture and of the company/undertaking

OXYDANT POUDRE 9 TONS 30VOL

1.1. Product identifier

Trade name or designation

n

of the mixture

Synonyms None.

SDS number 00-21-0000094 **Product code** 1190207

Issue date 07-23-2019 **Version number** 01

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Personal care product used for cosmetic effect.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Contact person

Company name L'ORÉAL SA
Address 14, rue royale
75008 - Paris

France

Telephone +1 732 499 2745

e-mail nacorpeuropesdsrequest@loreal.com

Orfila +33 1 45 42 59 59

1.4. Emergency telephone

number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

Serious eye damage/eye irritation Category 1 H318 - Causes serious eye

damage.

Hazard summary Causes serious eye damage. Occupational exposure to the substance or mixture may cause

adverse health effects. This is a consumer care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and / or swelling upon prolonged or repeated

skin contact or eye contact.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: HYDROGEN PEROXIDE, MINERAL OIL

Hazard pictograms



Signal word Danger

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

Prevention

P102 Keep out of reach of children.
P103 Read label before use.
P260 Do not breathe vapor.

P280 Wear eye protection/face protection.

Response

If medical advice is needed, have product container or label at hand. P101

P305 + P351 + P338 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. P310

Store away from incompatible materials. Storage

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

Supplemental label information 17% of the mixture consists of component(s) of unknown acute hazards to the aquatic

environment. 17% of the mixture consists of component(s) of unknown long-term hazards to the

aquatic environment.

2.3. Other hazards Not a PBT or vPvB substance or mixture.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
MINERAL OIL	17	8042-47-5 232-455-8	01-2119487078-27	-	
Classification:	Asp. Tox. 1;H304				
HYDROGEN PEROXIDE	9	7722-84-1 231-765-0	01-2119485845-22	008-003-00-9	
Classification:	Ox. Liq. 1;H271, Acute	, ,	orr. 1A;H314, Acute Tox. 4;H	H332, STOT SE	

List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance. vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The full text for all H-statements is displayed in section 16. Composition comments

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves.

4.1. Description of 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.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention immediately.

Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, Ingestion

keep head low so that stomach content doesn't get into the lungs. Get medical attention if

symptoms occur.

4.2. Most important symptoms and effects, both acute and

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred

vision. Permanent eye damage including blindness could result.

4.3. Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation.

Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards Will burn if involved in a fire. No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing

Foam. Dry chemicals. Carbon dioxide (CO2).

media

delayed

Unsuitable extinguishing

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

media

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures

Cool containers exposed to heat with water spray and remove container, if no risk is involved.

Material name: OXYDANT POUDRE 9 TONS 30VOL 1190207 Version #: 01 Issue date: 07-23-2019

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapor. 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.

For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the

SDS.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material 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.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not breathe vapor. Do not get this material in contact with eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat and sources of ignition. Store in tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Belgium. Exposure Limit Values.

Components	Туре	Value	Form
HYDROGEN PEROXIDE (CAS 7722-84-1)	TWA	1,4 mg/m3	
		1 ppm	
MINERAL OIL (CAS 8042-47-5)	STEL	10 mg/m3	Mist.
,	TWA	5 mg/m3	Mist.

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984 Components Type Value HYDROGEN PEROXIDE **VME** 1,5 mg/m3

(CAS 7722-84-1) Indicative limit (VL) Regulatory status:

1 ppm

Indicative limit (VL) Regulatory status:

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Туре	Value	Form
HYDROGEN PEROXIDE (CAS 7722-84-1)	TWA	0,71 mg/m3	
		0,5 ppm	
MINERAL OIL (CAS 8042-47-5)	TWA	5 mg/m3	Respirable fraction.
Germany. TRGS 900, Limit Value	es in the Ambient Air at the Workp	olace	
Components	Туре	Value	Form
MINERAL OIL (CAS 8042-47-5)	AGW	5 mg/m3	Respirable fraction.

Italy. Occupational Exposure Limit	s		
Components	Туре	Value	Form
HYDROGEN PEROXIDE (CAS 7722-84-1)	TWA	1 ppm	
MINERAL OIL (CAS 8042-47-5)	TWA	5 mg/m3	Inhalable fraction.

Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817

Components	Туре	Value	Form
HYDROGEN PEROXIDE (CAS 7722-84-1)	STEL	0,8 mg/m3	
	TWA	0,4 mg/m3	
MINERAL OIL (CAS 8042-47-5)	TWA	5 mg/m3	Inhalable fraction.
Spain. Occupational Exposure Limits			
Components	Туре	Value	Form
HYDROGEN PEROXIDE (CAS 7722-84-1)	Type	Value 1,4 mg/m3	Form
HYDROGEN PEROXIDE			Form
HYDROGEN PEROXIDE		1,4 mg/m3	Form Mist.

Biological limit values

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

Recommended monitoring

procedures

Follow standard monitoring procedures.

Derived no effect levels

(DNELs)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls

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

General information Use personal protective equipment as required. Personal protection equipment should be chosen

according to the CEN standards and in discussion with the supplier of the 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.

Hygiene measures 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.

Environmental exposure

controls

Not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical stateLiquid.FormCream.ColorNot available.

Odor Not available.
Odor threshold Not available.

pH 4 - 4,4

Melting point/freezing point Not available.

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

range

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.

Not available.

Not available.

Flammability limit - upper

(%)

Vapor pressureNot available.Vapor densityNot available.

Relative density Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Explosive propertiesNot explosive.Oxidizing propertiesNot oxidizing.

9.2. Other information No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with

incompatible materials.

10.5. Incompatible materials Str

10.6. Hazardous

Strong oxidizing agents.

No hazardous decomposition products are known.

decomposition products

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

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 Causes serious eye damage.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

Symptoms Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred

vision. Permanent eye damage including blindness could result.

11.1. Information on toxicological effects

Acute toxicity Not known.

Material name: OXYDANT POUDRE 9 TONS 30VOL 1190207 Version #: 01 Issue date: 07-23-2019

Product Species Test Results

OXYDANT POUDRE 9 TONS 30VOL

Acute Inhalation

Vapor ATEmix

TEmix 101,4 mg/l

Oral

ATEmix 7708 mg/kg

Components Species Test Results

HYDROGEN PEROXIDE (CAS 7722-84-1)

Acute Dermal

LD50 Rabbit > 2000 mg/kg OECD 402

Inhalation

Vapor

LC0 Rat 170 mg/m³, 4 h OECD 403

Oral

LD50 Rat 693,7 mg/kg OECD 401

MINERAL OIL (CAS 8042-47-5)

Acute Dermal

LD50 Rabbit > 2000 mg/kg OECD 402

Inhalation

Aerosol

LC50 Rat > 5 mg/L air, 4 h OECD 403

Oral LD50

Rat > 5000 mg/kg OECD 401

Skin corrosion/irritation Due to partial or complete lack of data the classification is not possible. No adverse effects due to

skin contact are expected.

Irritation Corrosion - Skin

MINERAL OIL OECD 404

Result: Not Irritating Species: Rabbit

HYDROGEN PEROXIDE OECD 404, 35% ≥ C < 50%

Result: Irritating Species: Rabbit OECD 404, C ≥ 50% Result: Corrosive Species: Rabbit

Serious eye damage/eye

irritation

Causes serious eye damage.

Irritation Corrosion - Eye

MINERAL OIL OECD 405

Result: Not Irritating Species: Rabbit

HYDROGEN PEROXIDE OECD 405, 5% ≥ C < 8%

Result: Irritating Species: Rabbit OECD 405, C ≥ 8% Result: Corrosive Species: Rabbit

Respiratory sensitizationDue to partial or complete lack of data the classification is not possible. **Skin sensitization**Due to partial or complete lack of data the classification is not possible.

Skin sensitization

MINERAL OIL OECD 406

Result: Not Sensitizing Species: Guinea pig Result: Not Sensitizing

HYDROGEN PEROXIDE

Species: Guinea pig

Germ cell mutagenicity Due to partial or complete lack of data the classification is not possible.

Mutagenicity MINERAL OIL

HYDROGEN PEROXIDE

Result: In vitro tests did not show mutagenic effects Result: In vitro tests showed mutagenic effects which were

not observed with in vivo test.

Carcinogenicity Not classifiable as to carcinogenicity to humans. Due to partial or complete lack of data the

classification is not possible.

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Not listed.

IARC Monographs. Overall Evaluation of Carcinogenicity

HYDROGEN PEROXIDE (CAS 7722-84-1) 3 Not classifiable as to carcinogenicity to humans. MINERAL OIL (CAS 8042-47-5) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity Due to partial or complete lack of data the classification is not possible.

Developmental effects

MINERAL OIL > 5000 mg/kg bw/d OECD 414, No effects on development

Result: NOAEL Species: Rat

Reproductivity

MINERAL OIL >= 2000 mg/kg bw/d OECD 415, No effects on fertility

Result: NOAEL Species: Rat

Specific target organ toxicity -

single exposure

Due to partial or complete lack of data the classification is not possible.

0, C ≥ 35% Result: Irritating

Specific target organ toxicity -

HYDROGEN PEROXIDE

Due to partial or complete lack of data the classification is not possible.

repeated exposure

MINERAL OIL > 2000 mg/kg bw/d OECD 411, Dermal

> Result: NOAEL Species: Rat Test Duration: 90 d

> 50 mg/m3 air OECD 412, Inhalation

Result: NOAEC Species: Rat Test Duration: 28 d

>= 1200 mg/kg bw/d OECD 453, Oral

Result: NOAEL Species: Rat

Test Duration: 2 years

2,9 mg/L air OECD 412, Inhalation HYDROGEN PEROXIDE

Result: NOAEL Species: Rat Test Duration: 28 d

26 mg/kg bw/d OECD 408, Oral

Test Results

Result: NOAEL Species: Mouse Test Duration: 90 d

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

Mixture versus substance

information

Components

No information available.

Not available. Other information

SECTION 12: Ecological information

12.1. Toxicity Based on available data, the classification criteria are not met for hazardous to the aquatic

Species

environment.

HYDROGEN PEROXIDE (CAS 7722-84-1) Aquatic Acute EC50 Chlorella vulgaris 2,5 mg/l, 72 h OECD 201 Algae Crustacea EC50 Daphnia pulex 2,4 mg/l, 48 h Fish LC50 Pimephales promelas 16,4 mg/l, 96 h Other EC50 Activated sludge of a predominantly 2,5 mg/l, 30 min OECD 209

Material name: OXYDANT POUDRE 9 TONS 30VOL

SDS FII 1190207 Version #: 01 Issue date: 07-23-2019

domestic sewage

Components **Species Test Results** Chronic Crustacea NOEC Daphnia magna 0,63 mg/l, 21 d ASTM E 1193-97 MINERAL OIL (CAS 8042-47-5) Aquatic Acute **NOEL** Pseudokirchneriella subcapitata > 100 mg/l, 72 h OECD 201 Algae Crustacea EL50 > 100 mg/l, 48 h OECD 202 Daphnia magna Fish LL50 Oncorhynchus mykiss > 100 mg/l, 96 h OECD 203 Chronic Crustacea **NOEC** Daphnia magna 10 mg/l, 21 d OECD 211

12.2. Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

HYDROGEN PEROXIDE 99 % OECD 209

Result: Readily Biodegradable MINERAL OIL

31 % OECD 301 F

Result: Not Readily Biodegradable

12.3. Bioaccumulative potential

Partition coefficient

n-octanol/water (log Kow)

12.4. Mobility in soil

Not available. No data available.

12.5. Results of PBT and vPvB

assessment

Not a PBT or vPvB substance or mixture.

12.6. 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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste 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).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

The Waste code should be assigned in discussion between the user, the producer and the waste EU waste code

disposal company.

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of Disposal methods/information

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

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

FINISHED GOODS

14.1. - 14.6.: Not regulated as dangerous goods.

BULK

14.1. - 14.6.: Not regulated as dangerous goods.

FINISHED GOODS

14.1. - 14.6.: Not regulated as dangerous goods.

BULK

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

FINISHED GOODS

14.1. - 14.6.: Not regulated as dangerous goods.

BULK

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk

Not established.

according to Annex II of Marpol

and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

HYDROGEN PEROXIDE (CAS 7722-84-1)

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Other regulations

Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation

(EC) No 1907/2006, as amended.

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as **National regulations**

amended.

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations Not available. Not available. References

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation

methods and test data, if available.

Full text of any H-statements not written out in full under

Sections 2 to 15

H271 May cause fire or explosion; strong oxidizer.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

This document has undergone significant changes and should be reviewed in its entirety. **Revision information**

Training information Follow training instructions when handling this material.

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.