



Safety Data Sheet according to (EC) No 1907/2006

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Osis Mighty Matte

SDS No. : 529918
V001.0

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

1.1. Product identifier

Osis Mighty Matte

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

Intended use:

Styling Cream/Gel

1.3. Details of the supplier of the safety data sheet

Henkel AG & Co. KGaA

Düsseldorf Germany

Henkelstr. 67

40191 Düsseldorf

Phone: +49 211-797-0

E-mail address of person responsible for Safety Data Sheet:

Henkel Cosmetics, e-mail : Rolf.Bayersdoerfer@Henkel.com

1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

Further information is available at Poison Control Centers.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious eye irritation Category 2

Causes serious eye irritation.

Chronic hazards to the aquatic environment Category 3

Harmful to aquatic life with long lasting effects.

2.2. Label elements (CLP)

Hazard pictogram:



Signal word:	Warning
Hazard statement:	H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement: Prevention	Thorough skin-cleansing after handling the product. P273 Avoid release to the environment. P280 Wear eye protection/face protection.
Precautionary statement: Response	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.
Precautionary statement: Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Octadecan-1-ol, ethoxylated 2EO 9005-00-9	500-017-8	01-2119977092-34	>= 1- < 2,5 %	H318 Serious eye damage 1 H400 Acute hazards to the aquatic environment 1 H411 Chronic hazards to the aquatic environment 2
Octadecan-1-ol, 21EO 9005-00-9			>= 1- < 3 %	H319 Serious eye irritation 2
Oxirane, methyl-, polymer with oxirane, hexadecyl ether (5PO/20EO) 9087-53-0			>= 1- < 2,5 %	H411 Chronic hazards to the aquatic environment 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of adverse health effects seek medical advice.

Inhalation:

not relevant.

Skin contact:

Rinse with water. Take off all clothing contaminated by the product.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:

Rinse the mouth. Drink 1-2 glasses of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture

The release of following substances is possible in case of fire:

carbon oxides.
nitrogen oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.
Inform authorities in the event of product spillage to water courses or sewage systems.

6.3. Methods and material for containment and cleaning up

Dilute small quantities with large amount of water and rinse.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling advice:
No particular measures required.

Fire and explosion protection information:
No special measures required if used properly.

Hygiene measures:
Do not eat, drink or smoke while working.
Immediately remove soiled or soaked clothing.
Wash hands before work breaks and after finishing work.
Keep away from food, beverages and animal feed.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container protected against moisture.
Store far from foodstuffs.

7.3. Specific end use(s)

Styling Cream/Gel

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

Contains no components with occupational exposure limit values.

8.2. Exposure controls

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
Not needed.

Hand protection:

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Manufacturer e.g. German company KCL, type Dermatril.

Eye protection:
Protective goggles

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

The following data apply to the whole mixture:

Appearance	paste waxy turquoise
Odor	floral, fruity, woody
pH (20 °C (68 °F))	6,4 - 7,2
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,980 - 1,020 g/cm ³
Bulk density	Not applicable
Viscosity (Brookfield; Instrument: RVDV II+; 20 °C (68 °F); speed of rotation: 5,0 min ⁻¹ ; Spindle No: TE)	180.000 - 600.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Miscible
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable

Vapor density
Oxidising properties
Container pressure

Not applicable
Not applicable
Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

None if used for intended purpose.

10.2. Chemical stability

None known.

10.3. Possibility of hazardous reactions

See section reactivity

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information**Acute oral toxicity:**

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Octadecan-1-ol, ethoxylated 2EO 9005-00-9	LD50	> 21.000 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Octadecan-1-ol, 21EO 9005-00-9	LD50	> 19.200 mg/kg	oral		rat	Not specified
Oxirane, methyl-, polymer with oxirane, hexadecyl ether (5PO/20EO) 9087-53-0	LD50	3.050 mg/kg	oral		mouse	

Acute dermal toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Oxirane, methyl-, polymer with oxirane, hexadecyl ether (5PO/20EO) 9087-53-0			dermal			

Acute inhalative toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Oxirane, methyl-, polymer with oxirane, hexadecyl ether (5PO/20EO) 9087-53-0			inhalation			

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Octadecan-1-ol, ethoxylated 2EO 9005-00-9	not irritating		Chicken, eye, in vitro test	OECD 438 (Isolated Chicken Eye Test Method)
Octadecan-1-ol, 21EO 9005-00-9	not irritating		Chicken, eye, in vitro test	OECD 438 (Isolated Chicken Eye Test Method)

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

No data available.

Reproductive toxicity:

No data available.

SECTION 12: Ecological information

12.1. Toxicity

The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

Toxicity (Fish):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Octadecan-1-ol, ethoxylated 2EO 9005-00-9	LC50	2,5 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
Octadecan-1-ol, 21EO 9005-00-9	LC50	8,4 mg/l	Fish	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Oxirane, methyl-, polymer with oxirane, hexadecyl ether (5PO/20EO) 9087-53-0	LC50	1,5 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15

Toxicity (Daphnia):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Octadecan-1-ol, ethoxylated 2EO 9005-00-9	EC50	0,32 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Oxirane, methyl-, polymer with oxirane, hexadecyl ether (5PO/20EO) 9087-53-0	EC50	2 mg/l	Daphnia	24 h	Daphnia magna	

Toxicity (Algae):

No data available.

12.2. Persistence and degradability

Hazardous substances CAS-No.	ResultValue	Route of application	Degradability	Method
Octadecan-1-ol, ethoxylated 2EO 9005-00-9	readily biodegradable	aerobic	83,6 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Octadecan-1-ol, 21EO 9005-00-9	readily biodegradable	Not specified	> 60 %	OECD 301 A - F
Oxirane, methyl-, polymer with oxirane, hexadecyl ether (5PO/20EO) 9087-53-0		aerobic	37 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Consider national regulations.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

Further information:

This information is not related to the use of the product, it is based on our current level of knowledge.