



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

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Developer 2%

SDS No. : 448590
V001.0

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

1.1. Product identifier

Developer 2%

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

Intended use:

Developer

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 : Mustafa.Akram@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

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2. Label elements (CLP)

Remarks:

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

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
Hydrogen peroxide 7722-84-1	231-765-0	01-2119485845-22	>= 1- < 2,5 %	H412 Chronic hazards to the aquatic environment 3 H271 Oxidizing liquids 1 H302 Acute toxicity 4; Oral H332 Acute toxicity 4; Inhalation H314 Skin corrosion 1A

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 dioxide

Generation of oxygen

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 allow to enter drainage system, surface or ground water of not diluted product.
Do not dispose of in wastepaper bin or trash-can.

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)

Developer

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Germany

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Remarks
HYDROGEN PEROXIDE 7722-84-1				Included in the regulation but with no data values. See regulation for further details	EU SCOEL

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	emulsion O/W white
Odor	slightly
pH (20 °C (68 °F))	3,50 - 4,00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,970 - 1,010 g/cm ³
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); Rotary measuring system: MV II)	3.000 - 6.000 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	Not applicable
Oxidising properties	Not applicable
Container pressure	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
Hydrogen peroxide 7722-84-1	LD50	805 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Hydrogen peroxide 7722-84-1	LD0	6.500 mg/kg	dermal		rabbit	

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Hydrogen peroxide 7722-84-1	corrosive		rabbit	

Serious eye damage/irritation:

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Hydrogen peroxide 7722-84-1	corrosive		rabbit	Draize Test

Respiratory or skin sensitization:

Hazardous substances CAS-No.	Result	Test type	Species	Method
Hydrogen peroxide 7722-84-1	not sensitising		guinea pig	

Germ cell mutagenicity:

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Hydrogen peroxide 7722-84-1	positive	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Hydrogen peroxide 7722-84-1	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

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
Hydrogen peroxide 7722-84-1	LC50	16 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)])

Toxicity (Daphnia):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Hydrogen peroxide 7722-84-1	EC50	7,7 mg/l	Daphnia	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Toxicity (Algae):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Hydrogen peroxide 7722-84-1	NOEC	0,63 mg/l	Algae	72 h	Skeletonema costatum	

12.2. Persistence and degradability

No data available.

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

H271 May cause fire or explosion; strong oxidizer.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H332 Harmful if inhaled.
H412 Harmful 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.