



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

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Pravana Developer 30 Volume

SDS No. : 727165  
V001.0

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

### 1.1. Product identifier

Pravana Developer 30 Volume

### 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: astrid.kleen@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 damage Category 1  
Causes serious eye damage.

### 2.2. Label elements (CLP)

#### Hazard pictogram:



**Signal word:** Danger

**Hazard statement:** H318 Causes serious eye damage.

**Precautionary statement:** P280 Wear eye protection/face protection.  
**Prevention**

**Precautionary statement:** P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**Response** P310 Immediately call a POISON CENTER or doctor.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

#### 3.2. Mixtures

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

| Hazardous substances<br>CAS-No. | EINECS    | REACH-Reg No.    | Content      | Classification   |
|---------------------------------|-----------|------------------|--------------|--|
| Hydrogen peroxide<br>7722-84-1  | 231-765-0 | 01-2119485845-22 | >= 8- < 10 % | H318<br>Serious eye damage 1<br>H335<br>Specific target organ toxicity - single exposure 3<br>H412<br>Chronic hazards to the aquatic environment 3<br>H271<br>Oxidizing liquids 1<br>H302<br>Acute toxicity 4; Oral<br>H332<br>Acute toxicity 4; Inhalation<br>H314<br>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.

Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

Inhalation:  
not relevant.

Skin contact:  
Rinse with water. Take off all clothing contaminated by the product.  
If necessary, see a dermatologist.

Eye contact:  
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:  
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

### 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.  
Hydrogen chloride.  
nitrogen oxides  
Sulphur 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**

Wear protective equipment.

**6.2. Environmental precautions**

Do not dispose of in wastepaper bin or trash-can.  
Do not empty into drains / surface water / ground water.

**6.3. Methods and material for containment and cleaning up**

Remove with liquid-absorbing material (chemical binder)  
Dilute small quantities with large amount of water and rinse.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

Handling advice:  
Avoid skin and eye contact.

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

None

### 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<br>homogeneous<br>white<br>characteristic |
| Odor   |  |
| pH (25 °C (77 °F))   | 2,50 - 3,50  |
| Initial boiling point  | Not applicable                                     |
| Flash point  | Not applicable                                     |
| Decomposition temperature  | Not applicable                                     |
| Vapour pressure  | Not applicable                                     |
| Density (20 °C (68 °F))  | 0,990 - 1,050 g/cm <sup>3</sup>                    |
| Bulk density   | Not applicable                                     |
| Viscosity (Brookfield; Instrument: RV; 25 °C (77 °F); speed of rotation: 10 min <sup>-1</sup> ; Spindle No: 1) | 500 - 2.500 mPa.s                                  |
| Viscosity (Brookfield; Instrument: RV; 25 °C (77 °F); speed of rotation: 10 min <sup>-1</sup> ; Spindle No: 2) | 1.000 - 35.000 mPa.s                               |
| Viscosity (kinematic)  | Not applicable                                     |
| Explosive properties   | Not applicable                                     |
| Solubility (qualitative) (20 °C (68 °F); Solvent: Water)   | Partially soluble                                  |
| 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

### General toxicological information:

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

### 11.1. Information on toxicological effects

#### Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value       | Species | Method                                   |
|---------------------------------|---------------|-------------|---------|--|
| Hydrogen peroxide<br>7722-84-1  | LD50          | 693,7 mg/kg | rat     | OECD Guideline 401 (Acute Oral Toxicity) |

#### Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value         | Species | Method  |
|---------------------------------|---------------|---------------|---------|---|
| Hydrogen peroxide<br>7722-84-1  | LD50          | > 2.000 mg/kg | rabbit  | equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity) |

#### Acute inhalative toxicity:

No data available.

#### Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result                     | Exposure<br>time | Species | Method   |
|---------------------------------|----------------------------|------------------|---------|--|
| Hydrogen peroxide<br>7722-84-1  | Category 1A<br>(corrosive) | 1 h              | rabbit  | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

**Serious eye damage/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

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

**Respiratory or skin sensitization:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

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

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result   | Type of study /<br>Route of<br>administration          | Metabolic<br>activation /<br>Exposure time | Species | Method   |
|---------------------------------|----------|--|--|---------|--|
| Hydrogen peroxide<br>7722-84-1  | positive | bacterial reverse<br>mutation assay (e.g<br>Ames test) | with and without                           |         | Ames Test  |
| Hydrogen peroxide<br>7722-84-1  | positive | in vitro mammalian<br>chromosome<br>aberration test    | with and without                           |         | OECD Guideline 473 (In vitro<br>Mammalian Chromosome<br>Aberration Test) |
| Hydrogen peroxide<br>7722-84-1  | positive | mammalian cell<br>gene mutation assay                  | with and without                           |         | OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test)    |
| Hydrogen peroxide<br>7722-84-1  | negative | intraperitoneal  |  | mouse   | OECD Guideline 474<br>(Mammalian Erythrocyte<br>Micronucleus Test)       |

**Carcinogenicity**

No data available.

**Reproductive toxicity:**

No data available.

**STOT-single exposure:**

No data available.

**STOT-repeated exposure::**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result / Value  | Route of<br>application    | Exposure time /<br>Frequency of<br>treatment | Species | Method   |
|---------------------------------|-----------------|----------------------------|--|---------|--|
| Hydrogen peroxide<br>7722-84-1  | NOAEL > 100 ppm | oral:<br>drinking<br>water | ca. 90 d<br>ad libitum                       | mouse   | OECD Guideline 408<br>(Repeated Dose 90-Day<br>Oral Toxicity in Rodents) |

**Aspiration hazard:**

No data available.

## SECTION 12: Ecological information

### General ecological information:

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

#### 12.1. Toxicity

##### Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value     | Exposure time | Species             | Method           |
|---------------------------------|---------------|-----------|---------------|---------------------|------------------|
| Hydrogen peroxide<br>7722-84-1  | LC50          | 16,4 mg/l | 96 h          | Pimephales promelas | other guideline: |

##### Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value    | Exposure time | Species       | Method           |
|---------------------------------|---------------|----------|---------------|---------------|------------------|
| Hydrogen peroxide<br>7722-84-1  | EC50          | 2,4 mg/l | 48 h          | Daphnia pulex | other guideline: |

##### Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value     | Exposure time | Species       | Method                                      |
|---------------------------------|---------------|-----------|---------------|---------------|---|
| Hydrogen peroxide<br>7722-84-1  | NOEC          | 0,63 mg/l | 21 d          | Daphnia magna | OECD 211 (Daphnia magna, Reproduction Test) |

##### Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value     | Exposure time | Species              | Method  |
|---------------------------------|---------------|-----------|---------------|----------------------|---|
| Hydrogen peroxide<br>7722-84-1  | NOEC          | 0,63 mg/l | 72 h          | Skeletonema costatum | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Hydrogen peroxide<br>7722-84-1  | EC50          | 1,38 mg/l | 72 h          | Skeletonema costatum | OECD Guideline 201 (Alga, Growth Inhibition Test) |

##### Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value<br>type | Value        | Exposure time | Species   | Method   |
|---------------------------------|---------------|--------------|---------------|---|--|
| Hydrogen peroxide<br>7722-84-1  | EC50          | > 1.000 mg/l | 3 h           | activated sludge of a predominantly domestic sewage | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |

#### 12.2. Persistence and degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

| Hazardous substances<br>CAS-No. | LogPow | Temperature | Method  |
|---------------------------------|--------|-------------|---|
| Hydrogen peroxide<br>7722-84-1  | -1,57  | 20 °C       | QSAR (Quantitative Structure Activity Relationship) |

#### 12.5. Results of PBT and vPvB assessment

| Hazardous substances<br>CAS-No. | PBT / vPvB  |
|---------------------------------|---|
| Hydrogen peroxide<br>7722-84-1  | According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances. |

#### 12.6. Other adverse effects

No data available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product disposal:  
Consider national regulations.

**SECTION 14: Transport information****14.1. UN number**

|      |      |
|------|------|
| ADR  | 2984 |
| RID  | 2984 |
| ADN  | 2984 |
| IMDG | 2984 |
| IATA | 2984 |

**14.2. UN proper shipping name**

|      |                                     |
|------|-------------------------------------|
| ADR  | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| RID  | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| ADN  | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| IMDG | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| IATA | Hydrogen peroxide, aqueous solution |

**14.3. Transport hazard class(es)**

|      |     |
|------|-----|
| ADR  | 5.1 |
| RID  | 5.1 |
| ADN  | 5.1 |
| IMDG | 5.1 |
| IATA | 5.1 |

**14.4. Packing group**

|      |     |
|------|-----|
| ADR  | III |
| RID  | III |
| ADN  | III |
| IMDG | III |
| IATA | III |

**14.5. Environmental hazards**

|      |                |
|------|----------------|
| ADR  | not applicable |
| RID  | not applicable |
| ADN  | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

**14.6. Special precautions for user**

|      |                 |
|------|-----------------|
| ADR  | not applicable  |
|      | Tunnelcode: (E) |
| RID  | not applicable  |
| ADN  | not applicable  |
| IMDG | not applicable  |
| IATA | not applicable  |

**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: WGK 3: highly hazardous to water (Germany. Ordinance on Facilities Handling Substances that are Hazardous to Water, ((AwSV of 21 April 2017), UBA, BAnz AT), as amended )  
Classification in conformity with the calculation method  
Storage class according to TRGS 510: 5.1B

**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.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
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.