

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006  
amended by Regulation (EU) 2020/878



Page: 1

Compilation date: 16.12.2015

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Revision No: 1.4

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

### 1.1. Product identifier

Product name: ALL IN 1 DISHWASHING TABS

Product nr: 23067

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

Use of substance / mixture: Dishwashing tabs

### 1.3. Details of the supplier of the safety data sheet

Company name: Premiere Produkter AS

Austbøsletta 6

4085 Hundvåg

Stavanger

Tel: +47 51 85 83 00

www.premiere-produkter.no

Email: post@premiere-produkter.no

### 1.4. Emergency telephone number

Emergency tel: +47 51 85 83 00

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; -: EUH208

Most important adverse effects: Causes serious eye irritation. Contains subtilisin. May produce an allergic reaction.

### 2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

EUH208: Contains subtilisin. May produce an allergic reaction.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

[cont...]

**SAFETY DATA SHEET**  
ALL IN 1 MASKINOPPVASKTABLETT

Page: 2

**2.3. Other hazards**

**Other hazards:** Contains protease. May produce an allergic reaction.

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

SODIUM CARBONATE - REACH registered number(s): 01-2119485498-19-0000

EINECS	CAS	SCL	CLP Classification	Percent
207-838-8	497-19-8	-	Eye Irrit. 2: H319	20-60%

CITRIC ACID - REACH registered number(s): 01-2119457026-42-0000

201-069-1	77-92-9	-	Eye Irrit. 2: H319	10-20%
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SODIUM SILICATE - REACH registered number(s): 01-2119448725-31-0000

215-687-4	1344-09-8	Eye Irrit.2: C < 28% , Eye Dam.1: C >=28% Skin Irrit.2: 28% <= C < 39%	Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335	5-12%
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SODIUM CARBONATE PEROXIDE - REACH registered number(s): 01-2119457268-30-0000

239-707-6	15630-89-4	Eye Irrit.2: 10 <= C < 25% Eye Dam.1: C > 25%	Ox. Sol. 2: H272; Acute Tox. 4: H302; Eye Dam. 1: H318	10-12%
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ALCOHOL ALCOXYLATE - REACH registered number(s): 02-2119630747-33-0000

-	166736-08-9	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-5%
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HEDP - REACH registered number(s): 01-2119510391-53-0000

220-552-8	2809-21-4	-	Met. Corr. 1: H290; Eye Dam. 1: H318	1-<2%
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SUBTILISIN - REACH registered number(s): 01-2119480434-38-0000

232-752-2	9014-01-1	-	STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Resp. Sens. 1: H334; Aquatic Acute 1: H400	<1%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be severe pain. The eyes may water profusely. The vision may become blurred.

[cont...]

**SAFETY DATA SHEET**  
ALL IN 1 MASKINOPPVASKTABLETT

Page: 3

**Ingestion:** Nausea and stomach pain may occur. There may be soreness and redness of the mouth and throat.

**Inhalation:** Not applicable.

**Delayed / immediate effects:** Immediate effects can be expected after long-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Not applicable.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** not necessary. Prevent the extinguishing water into surface water or groundwater.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Contain the spillage using bunding.

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

**Clean-up procedures:** Wash the spillage site with large amounts of water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Avoid contact with water or humidity. Keep away from food, drink and animal feedingstuffs. Maximum storage temperature: 40°C / 104°F

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

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**SAFETY DATA SHEET**  
ALL IN 1 MASKINOPPVASKTABLETT

Page: 4

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**Hazardous ingredients:**

**SODIUM CARBONATE**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	10 mg/m <sup>3</sup>	Workers	-

**CITRIC ACID**

Type	Exposure	Value	Population	Effect
DNEL	nicht verfügbar	-	-	-
PNEC	Fresh water	0,44 mg/l	-	-
PNEC	Marine water	0,044 mg/l	-	-

**SODIUM CARBONATE PEROXIDE**

Type	Exposure	Value	Population	Effect
DNEL	Dermal	12,8 mg/cm <sup>2</sup>	Workers	Local
DNEL	Inhalation	5 mg/cm <sup>3</sup>	Workers	Local
DNEL	Dermal	6,4 mg/cm <sup>2</sup>	Consumers	Local
PNEC	Fresh water	0,035 mg/l	-	-
PNEC	Abwasseraufbereitungsanlage	16,24 mg/l	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** not necessary.

**Eye protection:** Not applicable.

**Skin protection:** Not applicable.

**Environmental:** No special requirement.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** 3-layer tablet

**Colour:** blue / yellow / white

**Odour:** Characteristic odour

**Evaporation rate:** Not applicable.

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Not applicable.

**Boiling point/range°C:** Not applicable.

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** Not applicable.

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**SAFETY DATA SHEET**  
ALL IN 1 MASKINOPPVASKTABLETT

Page: 5

<b>Flash point°C:</b> Not applicable.	<b>upper:</b> Not applicable.
<b>Autoflammability°C:</b> No data available.	<b>Part.coeff. n-octanol/water:</b> No data available.
<b>Relative density:</b> No data available.	<b>Vapour pressure:</b> Not applicable.
	<b>pH:</b> ca. 10 (1%)

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Humidity. Heat.

**10.5. Incompatible materials**

**Materials to avoid:** None known

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** Decomposition under formation of Oxygen

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**SODIUM CARBONATE**

ORL	MUS	LD50	6600	mg/kg
ORL	RAT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

**CITRIC ACID**

ORL	RAT	LD50	5790	mg/kg
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**SAFETY DATA SHEET**  
ALL IN 1 MASKINOPPVASKTABLETT

Page: 6

**SODIUM SILICATE**

DUST/MIST	RAT	LC50	>2.06	g/m <sup>3</sup>
ORL	RAT	LD50	1300-2200	mg/kg

**SODIUM CARBONATE PEROXIDE**

DERMAL	RBT	LD50	>2000	mg/kg
ORL	RAT	LD50	1034	mg/kg

**ALCOHOL ALCOXYLATE**

ORL	RAT	LD50	>2000	mg/kg
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**HEDP**

ORL	RAT	LD50	2400	mg/kg
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**SUBTILISIN**

ORL	RAT	LD50	3700	mg/kg
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**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be severe pain. The eyes may water profusely. The vision may become blurred.

**Ingestion:** Nausea and stomach pain may occur. There may be soreness and redness of the mouth and throat.

**Inhalation:** Not applicable.

**Delayed / immediate effects:** Immediate effects can be expected after long-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**SODIUM CARBONATE**

Frischwasser Invertebraten	48H EC50	200-227	mg/l
Lepomis macrochirus	96H LC50	300	mg/l

**CITRIC ACID**

Daphnia magna	72H EC50	~120	mg/l
Leuciscus idus	96H LC50	440-706	mg/l

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**SAFETY DATA SHEET**  
ALL IN 1 MASKINOPPVASKTABLETT

Page: 7

**SODIUM SILICATE**

Brachydanio rerio	96H LC50	1108	mg/l
Daphnia magna	48H EC50	1700	mg/l

**SODIUM CARBONATE PEROXIDE**

Daphnia pulex	48H EC50	4,9	mg/l
Pimephales promelas	96H LC50	70,7	mg/l

**ALCOHOL ALCOXYLATE**

Leuciscus idus	96H LC50	10-100	mg/l
Wasserpflanzen	72H IC50	10-100	mg/l

**HEDP**

Daphnia magna	48H EC50	527	mg/l
Leuciscus idus	96H LC50	368	mg/kg

**12.2. Persistence and degradability**

**Persistence and degradability:** The surfactant(s) contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** no data available.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** The product has not been tested. Data apply to the components with the highest toxicological risk.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Waste code number:** 20 01 29

**Disposal of packaging:** May be reused following decontamination.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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**SAFETY DATA SHEET**  
ALL IN 1 MASKINOPPVASKTABLETT

Page: 8

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**Specific regulations:** Ingredients according to Regulation (EC) No 648/2004: 5-15% oxygen-based bleaching agents, <5% non-ionic surfactants, polycarboxylates, phosphonates. Contains enzymes, perfumes.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Data references: Safety data sheets from our raw material suppliers

\* indicates text in the SDS which has changed since the last revision.

Department issuing MSDS: Product Development Department;

**Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:**

Calculation method

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H272: May intensify fire; oxidiser.

H290: May be corrosive to metals.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

**Legal disclaimer:** The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.