

SAFETY DATA SHEET

Dishwasher Detergent Premium Conc



The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	10.01.2019
Revision date	07.10.2022

1.1. Product identifier

Product name	Dishwasher Detergent Premium Conc
UFI	0000-A0Y1-C00D-MHM8
Article no.	TP403-2
Information on the packaging	Type of packaging: Jar Size of packaging: 3 kg Material of packaging: Plastic: HDPE Child-resistant packaging: Yes Tactile warnings: No
Extended SDS with ES incorporated	No

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

Use of the substance / mixture	Dishwashing detergent for commercial dishwashers.
Main intended use	PC-DET-3.2 Automatic dishwashing detergents - professional or industrial use
Relevant identified uses	SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen) PC35 Washing and cleaning products (including solvent based products)
Industrial use	Yes
Professional use	Yes
Consumer use	No

1.3. Details of the supplier of the safety data sheet

Distributor

Company name	Tingstad Papper AB
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Postal address	Marieholmsgatan 1-3
Postcode	415 02
City	Göteborg
Country	Sweden
Contact person	Johanna Ossiansson

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: Request for ambulance, poison centre or rescue service
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Met. Corr. 1; H290 Skin Corr. 1A; H314 Eye Dam. 1; H318
Additional information on classification	For complete wording of H-phrases, see section 16.

2.2. Label elements

Hazard pictograms (CLP)



Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage. H290 May be corrosive to metals.
Precautionary statements	P280 Wear protective gloves / protective clothing / eye protection / face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor / physician. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P363 Wash contaminated clothing before reuse. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
Other label information (CLP)	Text to be labelled: Contains sodium hydroxide.

2.3. Other hazards

Other hazards	None known.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Formulation type	WG Water dispersible granules			
Substance	Identification	Classification	Contents	Notes
Sodium Carbonate	CAS No.: 497-19-8 EC No.: 207-838-8 REACH Reg. No.: 01-2119485498-19-xxxx	Eye Irrit. 2;H319	20 - 40 %	
Sodium hydroxide	CAS No.: 1310-73-2 EC No.: 215-185-5 REACH Reg. No.: 01-2119457892-27-xxxx	Met. Corr. 1; H314 Skin Corr. 1A; H290	20 - 40 %	
Sodium metasilicate pentahydrate	CAS No.: 10213-79-3 EC No.: 229-912-9 REACH Reg. No.: 01-2119449811-37-0003	Skin Corr 1B; H314 STOT SE3; H335 Met. Corr. 1; H290	< 5 %	
Defoamer	CAS No.: Mixture	Skin Irrit. 2; H315 Eye Irrit. 2; H319	< 1 %	
Substance comments	For complete wording of H-phrases, see section 16.			

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Rinse nose and mouth with water. Contact physician if the inconvenience persists.
Skin contact	IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

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

General symptoms and effects	Causes serious corrosive damage to skin and eyes.
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4.3. Indication of any immediate medical attention and special treatment needed

Separate first aid equipment	Fixed installed eyewash and safety shower with temperate water should be available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not combustible. Extinguish with carbon dioxide or dry chemical, secondary water or foam.
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	When extinguishing with water and foam, an exothermic reaction occurs with the risk of corrosive extinguishing water.
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5.3. Advice for firefighters

Fire fighting procedures	Use water spray at the fire extinguishing to prevent corrosive splashes.
Other information	Remove not ignited bottles from the fire, if possible, or cool them with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Use gloves, eye protection or breathing filter in case of direct contact with the product.
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6.2. Environmental precautions

Environmental precautionary measures	Inform the emergency services event of major spills. Neutralize with acid.
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6.3. Methods and material for containment and cleaning up

Clean up	Small quantities can be removed with water. Greater amount can be swept up with a brush and put into a suitable container.
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6.4. Reference to other sections

Other instructions	See also section 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Only the foil must be removed from the packaging to avoid direct contact with the product.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep out of reach of children. May only be stored in its original packaging.
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Conditions for safe storage

Requirements for storage rooms and vessels	Store in a dry place. Store in a closed container.
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7.3. Specific end use(s)

Specific use(s)	Dishwashing detergent for professional use.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Sodium Carbonate	CAS No.: 497-19-8		
Sodium hydroxide	CAS No.: 1310-73-2		
Sodium metasilicate pentahydrate	CAS No.: 10213-79-3		

8.2. Exposure controls

Safety signs



Eye / face protection

Suitable eye protection	Use tight-fitting protective goggles / face shield if splashing of the product. This also for diluted product.
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Hand protection

Suitable materials	Butyl, natural, neoprene, nitrile rubber, polyethylene, polyvinyl chloride.
Breakthrough time	Value: > 8 hour(s)
Thickness of glove material	Value: $\geq 0,3$ mm

Skin protection

Suitable protective clothing	Contaminated clothing should be laundered before being returned to service.
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Respiratory protection

Respiratory protection necessary at	dust-forming handling.
Recommended type of equipment	Particle filter P3 on full or half mask.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Solid: granular
Physical state	Powder in room temperature.
State under standard conditions	Solid
Colour	White.
Colour intensity	Light.
Odour	None.
Odour limit	Reason for waiving data: Not applicable
pH	Status: In aqueous solution Value: ~ 11 Comments: 1 % solution.

Melting point / melting range	Reason for waiving data: Not applicable
Freezing point	Reason for waiving data: Not applicable
Boiling point / boiling range	Reason for waiving data: Not applicable
Flash point	Reason for waiving data: Not applicable
Evaporation rate	Reason for waiving data: Not applicable
Flammability	The product is not flammable.
Lower explosion limit with unit of measurement	Reason for waiving data: Not applicable
Upper explosion limit with units of measurement	Reason for waiving data: Not applicable
Explosion limit	Reason for waiving data: Not applicable
Vapour pressure	Reason for waiving data: Not applicable
Vapour density	Reason for waiving data: Not applicable
Particle characteristics	Reason for waiving data: Not applicable
Relative density	Reason for waiving data: Not applicable
Density	Reason for waiving data: Not applicable
Bulk density	Value: 1 kg/dm ³ Temperature: 25 °C
Solubility	Medium: Water Name: Readily soluble
Partition coefficient: n-octanol/water	Reason for waiving data: No data.
Auto-ignition temperature	Reason for waiving data: Not applicable
Decomposition temperature	Reason for waiving data: Not applicable
Viscosity	Reason for waiving data: Not applicable
Explosive properties	The product is not explosive.
Oxidising properties	The product does not oxidize.

9.2. Other information

Physical hazards

Corrosive to metals	Comments: Comments: Reacts together with water (moisture) and base metals (e.g. aluminium). Then evolves hydrogen gas.
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Other physical and chemical properties

Physical and chemical properties	The product is hygroscopic.
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9.2.2. Other safety characteristics

Comments	The information given in section 9 refers to the mixture.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Not prone to reaction under normal conditions.
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10.2. Chemical stability

Stability	Stable under normal storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	See section 10.5.
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10.4. Conditions to avoid

Conditions to avoid	The product produces an exothermic reaction on contact with water.
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10.5. Incompatible materials

Materials to avoid	The product reacts exothermically with light metals such as aluminum and moist to form hydrogen. Risk of explosion if the correct mixture of hydrogen / air.
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10.6. Hazardous decomposition products

Hazardous decomposition products	None known.
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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Other information regarding health hazards

Inhalation	Corrosive to the respiratory tract.
Skin contact	May cause serious chemical burns of the skin.
Eye contact	Causes serious eye damage.
Ingestion	May cause burns in mucous membranes in throat, esophagus and stomach. Vomiting aggravate the injury.
Sensitisation	The product does not contain any allergenic ingredients.
Carcinogenicity, other information	Not considered as carcinogenic.
Reproductive toxicity	Not considered to be toxic for fertility.

11.2 Other information

Other information	No toxicological tests are performed on the preparation.
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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Elevated pH gives harmful effect on aquatic organisms.
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12.2. Persistence and degradability

Persistence and degradability description/evaluation	No data available.
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12.3. Bioaccumulative potential

Bioaccumulation, comments	The product is not expected to bioaccumulate.
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12.4. Mobility in soil

Mobility	Low.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Constituent substances are not considered to be PBT or vPvB.
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12.6. Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
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12.7. Other adverse effects

Additional ecological information	No ecological test have been performed on the mixture.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Disposed product constitutes hazardous waste according to SFS 2011: 927.
Appropriate methods of disposal for the contaminated packaging	The protective film is sorted as plastic packaging.
EWC waste code	EWC waste code: 200129 detergents containing dangerous substances Classified as hazardous waste: Yes
EWL packing	EWC waste code: 150102 plasticpackaging Classified as hazardous waste: No
Other information	The outer packaging is only a transport package, sorted as corrugated cardboard.

SECTION 14: Transport information

Dangerous goods	Yes
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14.1. UN number

ADR/RID/ADN	3262
IMDG	3262
ICAO/IATA	3262

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
Technical name/Danger releasing substance English ADR/RID/ADN	SODIUM HYDROXIDE
ADR/RID/ADN	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
IMDG	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
ICAO/IATA	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.

14.3. Transport hazard class(es)

ADR/RID/ADN	8
Classification code ADR/RID/ADN	C6

14.4. Packing group

ADR/RID/ADN	II
IMDG	II
ICAO/IATA	II

14.5. Environmental hazards

ADR/RID/ADN	Not environmentally hazardous.
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14.6. Special precautions for user

Special safety precautions for user	Smoking is prohibited when handling near or inside vehicles and containers. The smoking ban also applies to the use of electronic cigarettes and similar products according to ADR-S 7.5.9.
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14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No
Product name	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.

Additional information

Hazard label ADR/RID/ADN	8
Hazard label IMDG	8
Hazard label ICAO/IATA	8

ADR/RID Other information

Tunnel restriction code	E
Transport category	2
Hazard No.	80

IMDG Other information

EmS	F-A, S-B
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SECTION 15: Regulatory information

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

Assessed restrictions	The product may not be sold to the public.
Biocides	No
Nanomaterial	No
References (laws/regulations)	<p>COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending European Parliament and Council Regulation (EC) No 1907/2006 on registration, assessment and approval of and restrictions on chemicals (REACH).</p> <p>REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 16. December 2008 on the classification, labeling and packaging of substances and mixtures, amendments and cancellations of Directives 67/548 / EEC and 1999/45 / EC and the like amending Regulation (EC) No 1907/2006.</p>
Declaration No.	470907-7.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
CSR required	No
Exposure scenarios for mixture	No

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	<p>H290 May be corrosive to metals.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</p>
Revision justification	Other.
Information added, deleted or revised	Relevant changes compared to the previous version of the safety data sheet are indicated with verticle lines in the left margin.
Version	3