

SAFETY DATA SHEET

Dishwasher Detergent Premium Special



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	13.02.2023
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1.1. Product identifier

Product name	Dishwasher Detergent Premium Special
UFI	R520-006Y-000S-525V
Article no.	TP4114
Information on the packaging	Type of packaging: Jerry can Size of packaging: 10 L Material of packaging: Plastic: HDPE Child-resistant packaging: No Tactile warnings: Yes Description of the packaging: UV-skyddat emballage.
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 comercial 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
Postal address	Marieholmmsgatan 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 emergency services/poison centre/ambulance
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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]	Skin Corr. 1B; H314 Met. Corr. 1; H290 Aquatic Chronic 2; H411; Calculation method
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. H411 Toxic to aquatic life with long lasting effects.
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. P264 Tvätta händerna grundligt efter användning.
Supplemental label information	EUH 031 Contact with acids liberates toxic gas.
Other label information (CLP)	Text to be labeled: Contains sodium hydroxide and sodium hypochlorite.

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	SL Soluble concentrate			
Substance	Identification	Classification	Contents	Notes
Sodium hydroxide	CAS No.: 1310-73-2 EC No.: 215-185-5	Met. Corr. 1; H314 Skin Corr. 1A; H290	5 - 15 %	
Phosphonobutane tricarboxylic acid	CAS No.: 37971-36-1 EC No.: 253-733-5 REACH Reg. No.: 012119436643-39	Met. Corr. 1; H290 Eye Irrit. 2; H319	< 10 %	
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. Remove/Take off immediately all contaminated clothing.
Eye contact	Rinse with plenty of water till the inconvenience disappear. Remove any contact lenses if possible. Contact a physician if necessary.
Ingestion	Rinse mouth with water and drink a couple glass of water after that. Do not force a vomit. Contact poisoninformation.

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	Dry chemical, carbon dioxide, foam or water.
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The product is not combustible. During extinguishing with water or foam there is a risk of corrosive residues.
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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	Use compressed air equipment regardless of the environment when

extinguishing fires. Remove not ignite 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.

6.2. Environmental precautions

Environmental precautionary measures Inform the emergency services event of major spills. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Clean up Small quantities can be removed with water.

6.4. Reference to other sections

Other instructions See also section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Allow the suction hose to drain properly when changing the can to avoid spillage. The cap must be screwed on when the can is placed on the floor to avoid splashing.

7.2. Conditions for safe storage, including any incompatibilities

Storage May only be stored in the original packaging with the vent cap screwed on. Store away from children.

Conditions to avoid Får ej lagras i direkt solljus. Store at temperatures not exceeding 50 °C / °F. Keep cool.

Conditions for safe storage

Storage stability The products are durable for one year after the production date.

7.3. Specific end use(s)

Specific use(s) Dishwashing detergent for professional use.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Sodium hydroxide	CAS No.: 1310-73-2		

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.

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

Skin protection remark

Contaminated clothing should be laundered before being returned to service.

Respiratory protection

Respiratory protection necessary at

steam or aerosol-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	Liquid
Physical state	Liquid at room temperature.
State under standard conditions	Liquid
Colour	Light green
Colour intensity	Translucent.
Odour	Chlor
Odour limit	Reason for waiving data: Not applicable
pH	Status: In delivery state Value: ~ 14
Melting point / melting range	Reason for waiving data: No data.
Freezing point	Reason for waiving data: No data.
Boiling point / boiling range	Reason for waiving data: No data.
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: No data.
Vapour density	Reason for waiving data: Not applicable
Relative density	Reason for waiving data: Not applicable
Density	Value: ~ 1,2 g/cm ³ Temperature: 25 °C
Bulk density	Reason for waiving data: Not applicable
Solubility	Medium: Water Name: Lättlöslig
Partition coefficient: n-octanol/water	Reason for waiving data: No data.
Auto-ignition temperature	Reason for waiving data: Not applicable
Decomposition temperature	Comments: Avoid heating to avoid decomposition.
Viscosity	Reason for waiving data: No data.
Explosive properties	The product is not explosive.
Oxidising properties	The product does not oxidize.

9.2. Other information

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	Non reactive under normal conditions.
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10.2. Chemical stability

Stability	Part of the product decomposes spontaneously. The decay is accelerated by UV radiation and heat.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Contact with acids liberates toxic gas.
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10.4. Conditions to avoid

Conditions to avoid	Keep cool. Protect from sunlight. Do not expose the product to temperatures higher than +50 ° C.
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10.5. Incompatible materials

Materials to avoid	The product must not be mixed with acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	When mixed with acid or when heated, chlorine gas, chlorine oxides, hydrogen chloride gas can be formed.
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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	If aerosol is inhaled, the product can cause pain and sores in the nose, throat or mouth.
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.
Reproductive toxicity	Not considered to be toxic for fertility.

11.2 Other information

Other information	No toxicological tests have been 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	No data available
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12.4. Mobility in soil

Mobility	Moderate.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not tested.
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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	Unscrew the cap before recycling.
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

SECTION 14: Transport information

Dangerous goods	Yes
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14.1. UN number

ADR/RID/ADN	1760
IMDG	1760
ICAO/IATA	1760

14.2. UN proper shipping name

Technical name/Danger releasing substance English ADR/RID/ADN	SODIUM HYDROXIDE
ADR/RID/ADN	CORROSIVE LIQUID, N.O.S.
IMDG	CORROSIVE LIQUID, N.O.S.
ICAO/IATA	CORROSIVE LIQUID, N.O.S.

14.3. Transport hazard class(es)

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

14.4. Packing group

ADR/RID/ADN	III
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IMDG	III
ICAO/IATA	III

14.5. Environmental hazards

ADR/RID/ADN	The product is 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
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ADR/RID Other information

Hazard No.	80
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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)	Hygieniska gränsvärden AFS 2018:1. 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). 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.
Declaration No.	515638-5.

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)	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.
Information added, deleted or revised	Relevant changes compared to the previous version of the safety data sheet are indicated with vertical lines in the left margin.
Version	1