

SAFETY DATA SHEET

Descaling Agent Premium

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 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 27.11.2013

Revision date 08.11.2016

1.1. Product identifier

Product name Descaling Agent Premium

Article no. TP491. Swedish Chemicals Agency A-number 475270-5

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

Relevant identified uses SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)
PC35 Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Company name Tingstad Papper AB

Postal address Marieholmsgatan 1-3

Postcode 415 02

City Göteborg

Country Sverige

Tel +46 31 707 20 00

1.4. Emergency telephone number

Emergency telephone Request for ambulance, poison centre or rescue service:112

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Met. Corr. 1;H290;

Regulation (EC) No 1272/2008 Skin Corr 1B;H314;

[CLP/GHS]

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. P405 Store locked up. P234 Keep only in original container. P390 Absorb spillage to prevent material damage.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Phosphoric Acid	CAS no.: 7664-38-2	H290; H314; Skin Corr 1B; Met. Corr. 1;	10 - 50 %
Fatty alcohol alkoxyate 4	CAS no.: Saknas	Eye Irrit. 2;H319 H315	< 5 %

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	Gently wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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

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	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	Wear protective gloves / protective clothing / eye protection / face protection.
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6.2. Environmental precautions

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

Cleaning method	Absorb spillage to prevent material damage. Small quantities can be removed with water.
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6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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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7.3. Specific end use(s)

Specific use(s)	Descaling Agent only for professional use. Do not sell product to the public.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Safety signs



Respiratory protection

Respiratory protection	Use breathing protection in case of misty usage.
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Hand protection

Hand protection	Use safety gloves in case of direct contact with the product.
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Eye / face protection

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

Skin protection (except hands)	Use covering protective clothing if risk of direct contact. Contaminated clothing should be laundered before being returned to service.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid in room temperature.
Colour	Red, transparent.
Odour	None.
pH (as supplied)	Value: 2
Specific gravity	Value: ~ 1,3 g/cm ³
Solubility in water	Easy soluble.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Contact with sodium hypochlorite liberates very toxic gas.
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10.4. Conditions to avoid**10.5. Incompatible materials****10.6. Hazardous decomposition products****SECTION 11: Toxicological information****11.1. Information on toxicological effects****Potential acute effects**

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.

Symptoms of Exposure

Other Information	No toxicological tests are performed on the preparation.
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SECTION 12: Ecological information**12.1. Toxicity**

Ecotoxicity	Reduced pH gives harmful effect on aquatic organisms.
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12.2. Persistence and degradability**12.3. Bioaccumulative potential****12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects**

Environmental details, summation	No ecotoxicological tests are performed on the preparation.
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SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Specify the appropriate methods of disposal	Neutralize with Sodium Carbonate. Follow the authorities and the applicable law recommendations regarding disposal of unused product.
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	No

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

ADR / RID / ADN	1805
RID	1805
IMDG	1805
ICAO/IATA	1805
Comments	If the product is transported in cans 1-5 L, it is classified as limited quantities (LQ).

14.2. UN proper shipping name

ADR	PHOSPHORIC ACID, SOLUTION
RID	PHOSPHORIC ACID, SOLUTION

IMDG	PHOSPHORIC ACID SOLUTION
ICAO/IATA	PHOSPHORIC ACID, SOLUTION

14.3. Transport hazard class(es)

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

14.4. Packing group

ADR	III
RID	III
IMDG	III
ICAO/IATA	III

14.5. Environmental hazards**14.6. Special precautions for user**

EmS	F-A, S-B
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**ADR / RID - Other information**

ADR Other information	The product must not be transported as a single package.
Hazard no.	80

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical safety assessment****SECTION 16: Other information**

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Met. Corr. 1; H290; Skin Corr 1B; H314;
List of relevant H-phrases (Section 2 and 3).	H290 May be corrosive to metals. H315 Causes skin irritation. H314 Causes severe skin burns and eye damage. H319 Causes serious eye irritation.
Information which has been added, deleted or revised	Section 2, 5 and 14.
Version	1
Responsible for safety data sheet	Tingstad Papper AB