



SAFETY DATA SHEET

AVFETTNING KÖK

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	02.07.2018
Revision date	01.03.2024

1.1. Product identifier

Product name	AVFETTNING KÖK
UFI	PM92-F0JR-8005-95HT
Article no.	TP5875
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	Kitchen cleaner. Manual process. (AISE-P303) Kitchen cleaner. Spray and wipe manual process. (AISE-P304)
Main intended use	PC-CLN-10.2 Cleaners for kitchen machinery and equipment
Relevant identified uses	SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen) PC35 Washing and cleaning products (including solvent based products) PROC10 Roller application or brushing PROC11 Non-industrial spraying ERC8A Wide dispersive indoor use of processing aids in open systems
Industrial use	No
Professional use	Yes
Consumer use	No

1.3. Details of the supplier of the safety data sheet

Company name	Tingstad Papper AB
Office address	Marieholmmsgatan 1-3
Postal address	Box 13013
Postcode	S-415 02

City	Göteborg
Country	Sweden
Telephone number	031-707 20 00
Fax	031-25 18 21
Email	kontakt@tingstad.se
Website	www.tingstad.com

1.4. Emergency telephone number

Emergency telephone	Telephone number: Tel: 112 Description: SOS Alarm
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP classification, comments	The product has not been classified according to the legislation in force.
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2.2. Label elements

Supplemental label information	EUH 210 Safety data sheet available on request.
Tactile warnings	No
Child-protection	No

2.3. Other hazards

PBT / vPvB	This product does not contain any PBT or vPvB substances.
Health effect	The product does not contain endocrine substances in accordance with EU 2017/2100, Annex B.
Environmental effects	The product does not contain endocrine substances in accordance with EU 2017/2100, Annex B.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Formulation type	SL Soluble concentrate			
Substance	Identification	Classification	Contents	Notes
3-Methoxy-3-methylbutan-1-ol	CAS No.: 56539-66-3	Eye Irrit. 2; H319	1 ≤ 5 %	1
	EC No.: 260-252-4	Route of exposure: Oral		Solvent
	REACH Reg. No.: 01-2119976333-33-0000	Value : 4400 mg/kg		
	Sodium carbonate	CAS No.: 497-19-8	Eye Irrit. 2; H319	1 ≤ 3 %
	EC No.: 207-838-8	Route of exposure: Oral		pH
	Index No.: 011-005-00-2	Value : 2800 mg/kg bw		adjuster
	REACH Reg. No.: 01-2119485498-19-0000			

¹Substance classified with a health or environmental hazard

Description of the mixture	Content according to (EC) nr 648/2004 on detergents. An-ionic surfactants <5 %
Substance comments	The full text for all hazard statements is displayed in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	SOS Alarm: Telephone: 112 (In case of emergency poisoning, 24 h service).
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Wash skin with soap and water.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth with water. Drink a few glasses of water or milk. Do NOT induce vomiting. Get medical attention if any discomfort continues. Contact physician if larger quantity has been consumed.

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

Acute symptoms and effects	IF IN EYES: Splashes in eyes may cause strong pain. IF INHALED: Vapours and spray mist may irritate throat and respiratory system and cause coughing.
Delayed symptoms and effects	IF IN EYES: Splashes in eyes may cause strong pain. IF INHALED: Vapours and spray mist may irritate throat and respiratory system and cause coughing.

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

Other information	Notes to the physician: Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Improper extinguishing media	Avoid water in straight hose stream; will scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	This product is not flammable.
Hazardous combustion products	In case of fire and high temperatures, the water in the product may evaporate. This can result in the release of hazardous gases. Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrous gases (NO _x).

5.3. Advice for firefighters

Personal protective equipment	Use personal protective equipment as required.
Fire fighting procedures	Avoid water in straight hose stream; will scatter and spread fire.
Other information	Not classified as flammable under current regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures For personal protection, see section 8.

6.2. Environmental precautions

Environmental precautionary measures Prevent discharge of larger quantity to drain. Contain spillages with sand, earth or any suitable absorbent material.

6.3. Methods and material for containment and cleaning up

Clean up Small amounts can be flushed with water. Collect larger spills and deliver for recycling.

Other information For waste disposal, see section 13.

6.4. Reference to other sections

Other instructions See section 1 (Safety Data Sheet) - Emergency telephone number.
See section 8 (Safety Data Sheet) - Exposure controls/personal protection.
See section 13 (Safety Data Sheet) - Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight. Keep out of reach of children.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

DNEL / PNEC

Substance 3-Methoxy-3-methylbutan-1-ol

DNEL

Group: Professional

Route of exposure: Long-term inhalation (systemic)

Value: 18 mg/m³

Group: Professional

Route of exposure: Long-term dermal (systemic)

Value: 6,25 mg/kg bw/day

Group: Consumer

Route of exposure: Long-term inhalation (systemic)
Value: 4.4 mg/m³

Group: Consumer
Route of exposure: Long-term dermal (systemic)
Value: 3.1 mg/kg bw/day

Group: Consumer
Route of exposure: Acute inhalation (systemic)
Value: 2,5 mg/kg bw/day

Substance

Sodium carbonate

DNEL

Group: Professional
Route of exposure: Long term (repeated) - Inhalation - Systemic effect
Value: 10 mg/m³

8.2. Exposure controls

Eye / face protection

Suitable eye protection In case of splashes, safety goggles are recommended.

Hand protection

Skin- / hand protection, short term contact Normally not required.

Skin- / hand protection, long term contact Protective gloves are recommended for prolonged or repeated skin contact.

Suitable gloves type Polyvinyl chloride (PVC). Nitrile. Neoprene.

Suitable materials Polyvinyl alcohol (PVA).

Breakthrough time Value: > 360 minute(s)
 Comments: PVC - 0,45 mm

Value: > 360 minute(s)
 Comments: Nitril - 0,28 mm

Value: > 360 minute(s)
 Comments: Neoprene - 0,46 mm

Hand protection, comments The listed glove materials are proposed after review of the raw materials and review of various known guides for protective gloves.

Skin protection

Skin protection remark Normally not required.

Respiratory protection

Respiratory protection necessary at In case of inadequate ventilation wear respiratory protection.

Additional respiratory protection measures Well-ventilated area.

Respiratory protection, comments Dust filter P2 (for fine dust). Dust filter P3 (for especially fine dust/powder).

Change filters frequently. Consult instructions before use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Fluid.
Colour	Yellow.
Colour intensity	Translucent.
Odour	Characteristic.
pH	Status: In delivery state Value: ~ 12 Temperature: 20 °C
Freezing point	Value: > 100 °C
Boiling point / boiling range	Value: ~ 100 °C
Flash point	Comments: Water-based product.
Evaporation rate	Comments: Not determined. Reason for waiving data: Cannot be determined.
Flammability	The product is non-combustible.
Vapour pressure	Value: < 3 kPa Temperature: 20 °C
Vapour density	Comments: Not determined. Reason for waiving data: Cannot be determined.
Relative density	Value: ~ 1,01 Temperature: 20 °C
Solubility	Comments: Soluble in water.
Partition coefficient: n-octanol/ water	Value: < 3 Comments: Log Pow (Estimated value with starting point from raw materials)
Auto-ignition temperature	Comments: Not determined. Reason for waiving data: Cannot be determined.
Decomposition temperature	Comments: Not determined. Reason for waiving data: Cannot be determined.
Viscosity	Value: < 40 mm ² /s Method: ISO 2431, 4 mm Comments: Thin fluid Temperature: 20 °C Type: Kinematic
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Physical hazards

Content of VOC Value: $1 \leq 5 \%$

Air reactive Not relevant.

9.2.2. Other safety characteristics

Miscibility Fully miscible with water.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under normal temperature conditions and recommended use.

10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Stable under normal temperature conditions and recommended use.

10.4. Conditions to avoid

Conditions to avoid Avoid contact with acids and oxidising substances. Do not mix with other detergents or chemicals.

10.5. Incompatible materials

Materials to avoid Strong oxidising substances. Avoid alkalis, strong acids and heat.

10.6. Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO₂, NO_x) are formed.

Other information

Other information Do not mix with other detergents or chemicals.

SECTION 11: Toxicological information

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

Other information regarding health hazards

Acute toxicity, mixture estimate Dose: ATE_{mix} calculated
Route of exposure: Oral
Value: > 2000 mg/kg bw

Assessment of acute toxicity, classification Not classified based on available information.

Assessment of skin corrosion / irritation, classification Not classified based on available information.

Assessment of eye damage or irritation, classification	Not classified based on available information.
Assessment of respiratory sensitisation, classification	Not classified based on available information.
Assessment of skin sensitisation, classification	Not classified based on available information.
Assessment of germ cell mutagenicity, classification	Not classified based on available information.
Assessment of carcinogenicity, classification	Not classified based on available information.
Assessment of reproductive toxicity, classification	Not classified based on available information.
Assessment of specific target organ toxicity - single exposure, classification	Not classified based on available information.
Assessment of specific target organ toxicity - repeated exposure, classification	Not classified based on available information.
Assessment of aspiration hazard, classification	Not classified based on available information.

Symptoms of exposure

In case of ingestion	The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.
In case of skin contact	Defatting, drying and cracking of skin.
In case of inhalation	Vapours and spray mist may irritate throat and respiratory system and cause coughing.
In case of eye contact	Splashes in eyes may cause strong pain.

11.2 Other information

Endocrine disruption	The product does not contain endocrine substances in accordance with EU 2017/2100, Annex B.
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SECTION 12: Ecological information

12.1. Toxicity

Substance	3-Methoxy-3-methylbutan-1-ol
Aquatic toxicity, fish	<p>Toxicity type: Acute</p> <p>Value: > 100 mg/l</p> <p>Effect dose concentration: LC50</p> <p>Exposure time: 96 hour(s)</p> <p>Species: Oryzias latipes</p> <p>Method: OECD 203</p>
Substance	Sodium carbonate
Aquatic toxicity, fish	<p>Value: 300 mg/l</p> <p>Test duration: 96 h</p>

Substance	Species: Lepomis macrochirus 3-Methoxy-3-methylbutan-1-ol
Aquatic toxicity, algae	Toxicity type: Acute Value: > 1000 mg/l Effect dose concentration: ERC50 Exposure time: 72 hour(s) Species: Pseudokirchneriella subcapitata
Substance	Sodium carbonate
Aquatic toxicity, algae	Comments: No data recorded.
Substance	3-Methoxy-3-methylbutan-1-ol
Aquatic toxicity, crustacean	Toxicity type: Acute Value: > 1000 mg/kg Effect dose concentration: EC50 Exposure time: 48 hour(s) Species: Daphnia magna Method: OECD TG 202
	Toxicity type: Chronic Value: 100 mg/l Effect dose concentration: NOEC Test duration: 21 day(s) Species: Daphnia magna Method: OECD 211
Substance	Sodium carbonate
Aquatic toxicity, crustacean	Value: 200 - 227 mg/l Test duration: 48 h Species: Daphnia

12.2. Persistence and degradability

Persistence and degradability description/evaluation	Surfactants complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Substance	3-Methoxy-3-methylbutan-1-ol
Biodegradability	Value: 93 % Method: OECD 301 F Comments: Lätt bionedbrytbar. Test period: 28 day(s)

12.3. Bioaccumulative potential

Bioaccumulation, comments	Bioaccumulation: Is not expected to be bioaccumulable.
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12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
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12.6. Endocrine disrupting properties

Endocrine disrupting properties The product does not contain endocrine substances in accordance with EU 2017/2100, Annex B.

12.7. Other adverse effects

Additional ecological information The product is not classified as dangerous for the environment. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical Collect and reuse the product if possible. Where reuse is not possible, the waste is handled and disposed of in accordance with local regulations.

Appropriate methods of disposal for the contaminated packaging Empty packaging should be left for recycling. Cartons/ boxes should be recycled as paper and cardboard packaging.

EWC waste code EWC waste code: 200130 detergents other than those mentioned in 20 01 29
Classified as hazardous waste: No

EWL packing EWC waste code: 150102 plasticpackaging
Classified as hazardous waste: No

EWC waste code: 150101 paper and cardboard packaging
Classified as hazardous waste: No

EU Regulations (EF) 1357/2014. (EF) 2017/997.

Other information A product's waste code depends on the area of activity and how the product is used. A suggestion for a waste code is set out in this safety data sheet. However, it is always the responsibility of the user to make a final assessment/ classification of the waste. Local regulations and EU regulations (see section 15) must be complied with in waste management. Consult local authorities when handling waste.

SECTION 14: Transport information

Dangerous goods No

14.1. UN number

Comments Not relevant.

14.2. UN proper shipping name

Comments Not relevant.

14.3. Transport hazard class(es)

Comments Not relevant.

14.4. Packing group

Comments Not relevant.

14.5. Environmental hazards

ADR/RID/ADN No

14.6. Special precautions for user

Special safety precautions for user Not relevant.

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no) No

Ship type required Not relevant.

Pollution category Not relevant.

SECTION 15: Regulatory information

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

Other label information For professional users only.

Biocides No

Nanomaterial No

Legislation and regulations
 REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on detergents.
 EC 1907/2006 - REACH
 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures, amending and repealing.
 SFS 2020:614 - Avfallsförordningen. (Swedish Work Environment Authority)
 AFS 2018:1 - Hygieniska gränsvärden. (Swedish Work Environment Authority)

15.2. Chemical safety assessment

Substance 3-Methoxy-3-methylbutan-1-ol

Chemical safety assessment performed Yes

Substance Sodium carbonate

Chemical safety assessment performed Yes

Exposure scenarios for mixture Yes

Exposure scenario comments SUMI's are attached to this safety data sheet. More information about SUMI: s see point 16.

SECTION 16: Other information

Supplier's notes The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in

accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

List of relevant H-phrases (Section 2 and 3)

H319 Causes serious eye irritation.

Information added, deleted or revised

Change to Sections: 1, 16,

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Version

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