

# Safety Data Sheet

## Hagmans Underhållstvätt Tak/Fasadtvätt

Replaces date: 03/03/2020

Revision date: 13/12/2022

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

#### 1.1. Product identifier

**Trade name:** Hagmans Underhållstvätt Tak/Fasadtvätt

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

**Recommended uses:** Cleaner

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

##### Supplier

**Company:** Hagmans Nordic AB  
**Address:** Box 112  
**Zip code:** 511 10  
**City:** Fritsla  
**Country:** SWEDEN  
**E-mail:** info@hagmansnordic.com  
**Phone:** +46(0)320-18900  
**Homepage:** www.hagmans.com

#### 1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**CLP-classification:** Skin Irrit. 2;H315  
Eye Dam. 1;H318  
Aquatic Acute 1;H400  
Aquatic Chronic 2;H411

**Most serious harmful effects:** Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

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### 2.2. Label elements

#### Pictograms



**Signal word:** Danger

#### Contains

**Substance:** Alkyl(C12-16)dimethylbenzylammonium chloride ; Quaternary ammonium compounds, C12-14-alkyl(hydroxyethyl) dimethyl, ethoxylated, chlorides;

#### Hazard statements

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H410 Very toxic to aquatic life with long lasting effects.

#### Supplemental information

Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents. Contains: Non-ionic surfactants. <5%, cationic surfactants <5%, preservative: benzalkonium chloride

### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.  
Endocrine disrupting properties: None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Alcohols, C9-11, ethoxylated	68439-46-3	< 4 %		Eye Irrit. 2;H319
Alkyl(C12-16) dimethylbenzylammonium chloride	68424-85-1 939-253-5 01-2119965180-41	< 3 %		Acute Tox. 4;H302 Skin Corr. 1B;H314 Aquatic Acute 1;H400 Aquatic Chronic 1;H410  M (acute): 10 M (chronic): 1
Quaternary ammonium compounds, C12-14-alkyl(hydroxyethyl) dimethyl, ethoxylated, chlorides	1554325-20-0	< 3 %		Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318

Please see section 16 for the full text of H- / EUH-phrases.

## SECTION 4: First aid measures

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### 4.1. Description of first aid measures

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<b>Inhalation:</b>	Seek fresh air.
<b>Ingestion:</b>	Drink a few glasses of water or milk. DO NOT induce vomiting. Get medical attention immediately. If possible, show the label.
<b>Skin contact:</b>	Remove contaminated clothing. Wash skin with soap and water.
<b>Eye contact:</b>	Immediately rinse eyes with plenty of water. Hold eyelids apart. Get medical attention if any discomfort continues.
<b>General:</b>	Show this safety data sheet, if possible.

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

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Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight. Irritating to skin - may cause reddening.

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

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Treat symptoms.

## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

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<b>Suitable extinguishing media:</b>	The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.
<b>Unsuitable extinguishing media:</b>	No information available

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

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Non-flammable

### 5.3. Advice for firefighters

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No information available

## SECTION 6: Accidental release measures

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

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**For non-emergency personnel:** Use personal protective equipment. (P 8).

### 6.2. Environmental precautions

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Prevent discharges into the sewage system, watercourses or ground.

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

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Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

### 6.4. Reference to other sections

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See section 8 for type of protective equipment. See section 13 for instructions on disposal.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Use personal protective equipment as specified in section 8.

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

Keep out of the reach of children. Store above freezing. Prevent discharge into the sewage system or the immediate environment.

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

No special uses in addition to identified uses in 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Occupational exposure limit:** Contains no substances subject to reporting requirements

#### PNEC

Alkyl(C12-16)dimethylbenzylammonium chloride , cas-no 68424-85-1

Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (intermittent releases)	0,00016 mg/l			
PNEC STP (wastewater-treatment facilities)	0,4 mg/l			
PNEC aqua (freshwater)	0,0009 mg/l			
PNEC aqua (marine water)	0,00009 mg/l			
PNEC sediment (marine water)	0,0267 mg/kg dw			
PNEC soil	7 mg/kg dw			
PNEC sediment (freshwater)	0,267 mg/kg dw			

#### DNEL - workers

Alkyl(C12-16)dimethylbenzylammonium chloride , cas-no 68424-85-1

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	3,96 mg/m <sup>3</sup>				
Dermal DNEL (long-term exposure - systemic effects)	5,7 mg/kg bw/day				

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### DNEL - general population

Alkyl(C12-16)dimethylbenzylammonium chloride , cas-no 68424-85-1					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	1,64 mg/m <sup>3</sup>				
Dermal DNEL (acute/short-term exposure - systemic effects)	3,4 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	3,4 mg/kg bw/day				

### 8.2. Exposure controls

**Appropriate engineering controls:** Maintain good personal hygiene. Facilities for eye rinsing must be available.

**Personal protective equipment, eye/face protection:** Wear splash-proof eye goggles to prevent any possibility of eye contact.

**Personal protective equipment, skin protection:** Protective clothing if necessary.

**Personal protective equipment, hand protection:** Protective gloves shall be used when there is a risk of direct contact or splashes. Protective gloves (chloroprene rubber, nitrile rubber).

**Personal protective equipment, respiratory protection:** The risk of inhaling the product is minimal if treated normally

**Environmental exposure controls:** Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Parameter	Value/unit
State	Liquid
Colour	Colourless
Odour	Weak Characteristic
Solubility	No data

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Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	~ 0 °C	
Freezing point	~ 0 °C	
Initial boiling point and boiling range	~ 100 °C	
Flammability (solid, gas)		Non-flammable
Flammability limits		Not relevant
Explosion limits		Not applicable
Flash Point		Not applicable
Auto-ignition temperature		Not relevant
Decomposition temperature		Not relevant
pH (solution for use)	No data	
pH (concentrate)	10 ~	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	1020 kg/m <sup>3</sup>	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

### 9.2. Other information

Parameter	Value/unit	Remarks
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**Other Information:** Solubility in water: Water soluble.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable when used in accordance with the supplier's directions.

### 10.2. Chemical stability

Stable under recommended storage and handling conditions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

No information is available for the compound.

### 10.6. Hazardous decomposition products

None known if handled normally.

## SECTION 11: Toxicological information

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

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<b>Acute toxicity - oral:</b>	Based on existing data, the classification criteria are deemed not to have been met. If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract.
<b>Acute toxicity - dermal:</b>	Based on existing data, the classification criteria are deemed not to have been met. Prolonged or repeated exposure to this chemical may cause: Smarting. Redness.
<b>Acute toxicity - inhalation:</b>	Based on existing data, the classification criteria are deemed not to have been met. The product has a low evaporation rate/volatility and inhalation is not relevant.
<b>Skin corrosion/irritation:</b>	Irritating to skin.
<b>Serious eye damage/eye irritation:</b>	Corrosive Causes serious eye damage.
<b>Respiratory sensitisation or skin sensitisation:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Germ cell mutagenicity:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Carcinogenic properties:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Reproductive toxicity:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Single STOT exposure:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Repeated STOT exposure:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Aspiration hazard:</b>	Based on existing data, the classification criteria are deemed not to have been met.

### 11.2. Information on other hazards

<b>Endocrine disrupting properties:</b>	Constituents have no endocrine-disrupting properties with respect to non-target organisms as they do not meet the criteria in Section B of Regulation (EU) 2017/2100.
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## SECTION 12: Ecological information

### 12.1. Toxicity

#### Alkyl(C12-16)dimethylbenzylammonium chloride , cas-no 68424-85-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Pseudokirchneriella subcapitata		NOEC	0.001 - 0.01 mg/l			
Algae	Pseudokirchneriella subcapitata	72h	IC50	0.01 - 0.1 mg/l			
Fish		96h	LC50	0.1 - 1 mg/l			
Crustacea	Daphnia magna	48h	EC50	0.01 - 0.1 mg/l			

Very toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

#### Alkyl(C12-16)dimethylbenzylammonium chloride , cas-no 68424-85-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			OECD 301 D		Readily biodegradable.		

Expected to be readily biodegradable.

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### 12.3. Bioaccumulative potential

Not expected to bioaccumulate.

### 12.4. Mobility in soil

Water soluble.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

Constituents have no endocrine-disrupting properties with respect to non-target organisms as they do not meet the criteria in Section B of Regulation (EU) 2017/2100.

### 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Can be dumped as landfill or incinerated in accordance with local regulations. Refuse, spillages and packaging waste are treated as dangerous waste. Treat as dangerous waste. Prevent discharges into the sewage system, watercourses or ground.

**Category of waste:** EWC code: Depends on line of business and use, for instance  
20 01 30 Detergents other than those mentioned in 20 01 29.

## SECTION 14: Transport information

### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	3082	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkyl(C12-16)dimethylbenzylammonium chloride )	<b>14.5. Environmental hazards:</b>	
<b>14.3. Transport hazard class(es):</b>	9		
<b>Hazard label(s):</b>	9		
<b>Hazard identification number:</b>	90	<b>Tunnel restriction code:</b>	-

### Inland water ways transport (ADN)

<b>14.1. UN number or ID number:</b>	3082	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkyl(C12-16)dimethylbenzylammonium chloride )	<b>14.5. Environmental hazards:</b>	
<b>14.3. Transport hazard class(es):</b>	9		
<b>Hazard label(s):</b>	9		
<b>Transport in tank vessels:</b>			



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### Sea transport (IMDG)

<b>14.1. UN number or ID number:</b>	3082	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkyl(C12-16)dimethylbenzylammonium chloride )	<b>14.5. Environmental hazards:</b>	
<b>14.3. Transport hazard class(es):</b>	9	<b>Environmental Hazardous Substance Name(s):</b>	
<b>Hazard label(s):</b>	9	<b>IMDG Code segregation group:</b>	- None -
<b>Ems:</b>	F-A, S-F		

### Air transport (ICAO-TI / IATA-DGR)

<b>14.1. UN number or ID number:</b>	3082	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkyl(C12-16)dimethylbenzylammonium chloride )	<b>14.5. Environmental hazards:</b>	
<b>14.3. Transport hazard class(es):</b>	9		
<b>Hazard label(s):</b>	9		

### 14.6. Special precautions for user

### 14.7. Maritime transport in bulk according to IMO instruments

## SECTION 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.

## SECTION 16: Other information

**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

**Vendor notes:** Changes have been made in sections: 2, 4, 9, 11, 12, 16.

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### Hazard statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

**Country:** GB