

# SAFETY DATA SHEET

## FOMA Avkalkningsvæske

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	27.10.2016
Revision date	03.12.2021

#### 1.1. Product identifier

Product name	FOMA Avkalkningsvæske
Synonyms	M401
Article no.	PRCH40038, PRCH40039, PRCH40040

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

Product group	Cleaning agent.
Use of the substance / mixture	For professional use only. Descaler. 1 liter, 10 liter.

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

##### Distributor

Company name	FOMA Norge AS
Office address	Regnbueveien 6
Postcode	1405
City	Langhus
Country	Norway
Telephone number	+ 47 64 91 70 00
Fax	+ 47 64 86 76 22
Email	<a href="mailto:info@foma.no">info@foma.no</a>
Website	<a href="http://www.foma.no">www.foma.no</a>

#### 1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: For poisoning emergencies.
---------------------	--

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP classification, notes	Classification according to (EC) No.1272/2008: Not classified.
---------------------------	--

### 2.2. Label elements

Other label information (CLP)	NOT CLASSIFIED according to health-, fire- and environmental hazard.
-------------------------------	--

### 2.3. Other hazards

PBT / vPvB	The chemical contains no PBT or vPvB substances $\geq 0,1\%$ .
Other hazards	None of the substances listed in section 3.2 are listed on ECHA's Endocrine disruptor assessment list.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance comments	No hazardous substances subject to listing.
--------------------	---

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Emergency telephone number: see section 1.4.
Inhalation	Fresh air and rest. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. By prolonged rinsing, use luke warm water to avoid damage to the eye. Contact physician if discomfort continues.
Ingestion	Rinse mouth. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention if any discomfort continues.

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

Acute symptoms and effects	None known.
----------------------------	-------------

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

Other information	Treat symptomatically. No specific information from the manufacturer.
-------------------	---

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Dry-powder, carbon dioxide (CO <sub>2</sub> ), water mist, foam.
Improper extinguishing media	Do not use water jet.

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

Fire and explosion hazards	The chemical is non-combustible.
Hazardous combustion products	May include, but is not limited to: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

## 5.3. Advice for firefighters

Personal protective equipment	Use compressed air equipment when the chemical is involved in fire. In case of evacuation, an approved protection mask should be used. See also section 8.
Other information	Containers close to fire should be removed immediately or cooled with water.

## SECTION 6: Accidental release measures

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

Personal protection measures	Use protective equipment as referred to in section 8. Provide adequate ventilation.
------------------------------	---

### 6.2. Environmental precautions

Environmental precautionary measures	Do not allow to enter into sewer, water system or soil.
--------------------------------------	---

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

Clean up	Absorb in vermiculite, dry sand or earth and place into containers. Collect in suitable containers and deliver as waste according to section 13. Flush area with water.
----------	---

### 6.4. Reference to other sections

Other instructions	See also sections 8 and 13.
--------------------	-----------------------------

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Provide adequate ventilation. Avoid contact with eyes and skin. Avoid inhalation. Use protective equipment as referred to in section 8.
----------	---

### Protective safety measures

Advice on general occupational hygiene	Do not eat, drink or smoke during work. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.
--	--

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

Storage	Store in tightly closed original container in a dry, cool and well-ventilated place.
---------	--

### 7.3. Specific end use(s)

Specific use(s)	See section 1.2.
-----------------	------------------

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

#### Control parameters comments

Contains no substances with occupational exposure limit values.  
References (laws/regulations): EH40/2005 Workplace exposure limits, with later amendments.

### 8.2. Exposure controls

#### Precautionary measures to prevent exposure

#### Technical measures to prevent exposure

Provide adequate ventilation. The personal protective equipment must be CE-marked and the latest version of the standards shall be used. The protective equipment and the specified standards recommended below are only suggestions, and should be selected on advice from the supplier of such equipment.  
A risk assessment of the work place/work activities (the actual risk) may lead to other control measures. The protection equipment's suitability and durability will depend on application.

#### Eye / face protection

#### Eye protection equipment

Description: Risk of splashes: Wear tight-fitting goggles or face shield.  
Reference to relevant standard: EN 166 (Personal eye-protection. Specifications).

#### Additional eye protection measures

Eye wash facilities should be available at the work place. Either a fixed eye wash facility connected to the drinking water (preferably warm water) or a portable disposable unit.

#### Hand protection

#### Suitable materials

Nitrile.

#### Breakthrough time

Comments: No specific information from the manufacturer.

#### Thickness of glove material

Comments: No specific information from the manufacturer.

#### Hand protection equipment

Description: Use protective gloves that are suitable for the application. Glove thickness must be chosen in consultation with the glove supplier, who can inform about the breakthrough time for the glove. The gloves abilities may vary among the different glove manufacturers.  
Reference to relevant standard: EN ISO 374 (Protective gloves against chemicals and micro-organisms). EN 420 (Protective gloves - General requirements and test methods).

#### Additional hand protection measures

Replace gloves if signs of wear and tear.

#### Skin protection

#### Recommended protective clothing

Description: Normally not required.

#### Additional skin protection measures

Emergency shower should be available at the workplace.

#### Respiratory protection

Recommended respiratory protection

Description: Normally not required.

## Appropriate environmental exposure control

Environmental exposure controls

Do not allow to enter into sewer, water system or soil.

## SECTION 9: Physical and chemical properties

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

Physical state	Liquid.
Colour	Yellow.
Odour	Characteristic.
Odour limit	Comments: Not specified by the manufacturer.
pH	Status: In delivery state Value: ~ 8,7
Melting point / melting range	Comments: Not specified by the manufacturer.
Boiling point / boiling range	Comments: Not specified by the manufacturer.
Flash point	Value: > 60 °C
Evaporation rate	Comments: Not specified by the manufacturer.
Flammability	Not specified by the manufacturer.
Explosion limit	Comments: Not specified by the manufacturer.
Vapour pressure	Comments: Not specified by the manufacturer.
Vapour density	Comments: Not specified by the manufacturer.
Relative density	Value: 1,0 - 1,1
Solubility	Medium: Water Comments: Miscible
Partition coefficient: n-octanol/ water	Comments: Not specified by the manufacturer.
Auto-ignition temperature	Comments: Not specified by the manufacturer.
Decomposition temperature	Comments: Not specified by the manufacturer.
Viscosity	Comments: Not specified by the manufacturer.
Explosive properties	Not specified by the manufacturer.
Oxidising properties	Not specified by the manufacturer.

### 9.2. Other information

#### Other physical and chemical properties

Physical and chemical properties

No further information is available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

#### Reactivity

Under normal conditions and use there are not expected any reactivity hazards for this chemical.

### 10.2. Chemical stability

#### Stability

The chemical is stable under normal conditions of storage and use.

### 10.3. Possibility of hazardous reactions

#### Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

#### Conditions to avoid

None known.

### 10.5. Incompatible materials

#### Materials to avoid

None expected.

### 10.6. Hazardous decomposition products

#### Hazardous decomposition products

None under normal conditions. See also section 5.2.

## SECTION 11: Toxicological information

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

#### Other information regarding health hazards

Assessment of acute toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of skin corrosion / irritation, classification	Based on available data, the classification criteria are not met.
Assessment of eye damage or irritation, classification	Based on available data, the classification criteria are not met.
Assessment of respiratory sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of skin sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of germ cell mutagenicity, classification	Based on available data, the classification criteria are not met.
Assessment of carcinogenicity, classification	Based on available data, the classification criteria are not met.
Assessment of reproductive toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - single exposure, classification	Based on available data, the classification criteria are not met.

Assessment of specific target organ toxicity - repeated exposure, classification

Based on available data, the classification criteria are not met.

Assessment of aspiration hazard, classification

Based on available data, the classification criteria are not met.

## Symptoms of exposure

In case of ingestion

No specific information from the manufacturer.

In case of skin contact

No specific information from the manufacturer.

In case of inhalation

No specific information from the manufacturer.

In case of eye contact

No specific information from the manufacturer.

## 11.2 Other information

Other information

None of the substances listed in section 3.2 are listed on ECHA's Endocrine disruptor assessment list.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity

The chemical is not classified as harmful to the environment.

### 12.2. Persistence and degradability

Persistence and degradability description/evaluation

Biodegradable. The surfactant/surfactants contained in this preparation meet the criteria for biodegradation of Regulation (EC) no. 648/2004 on detergents.

### 12.3. Bioaccumulative potential

Bioaccumulation, comments

Not expected to bioaccumulate.

### 12.4. Mobility in soil

Mobility

Miscible with water. May be dispersed in soil and groundwater.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

The chemical contains no PBT or vPvB substances  $\geq 0,1\%$ .

### 12.6. Endocrine disrupting properties

Endocrine disrupting properties

None of the substances listed in section 3.2 are listed on ECHA's Endocrine disruptor assessment list.

### 12.7. Other adverse effects

Additional ecological information

Do not allow to enter into sewer, water system or soil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Dispose of waste in local landfill. The waste code (EWC-Code) is intended as a guide. The user must select a code if the use differs from the one mentioned below.
EWC waste code	EWC waste code: 200130 detergents other than those mentioned in 20 01 29 Classified as hazardous waste: No
Other information	Do not empty into drains.

## SECTION 14: Transport information

Dangerous goods	No
-----------------	----

### 14.1. UN number

Comments	Not considered as dangerous goods under UN, IMO, ADR/RID or IATA/ICAO regulations.
----------	--

### 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

Comments	Not relevant.
----------	---------------

### 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	Data lacking.

## SECTION 15: Regulatory information

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

References (laws/regulations)	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments. Regulation (EC) No 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH Regulation), with later amendments. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment
-------------------------------	--



Regulations 2009.  
 Norwegian regulations on waste. no. 930/2004, from the Ministry of Environment.  
 FOR 2004-06-01 No. 922: Norwegian regulation regarding restrictions on the use of health-hazardous chemicals and other products (Produktforskriften), as amended; § § 2-12, 2-14 Detergents.

## 15.2. Chemical safety assessment

Chemical safety assessment performed No

## SECTION 16: Other information

Supplier's notes	The information contained in this SDS must be made available to all those who handle the product.
Key literature references and sources for data	Suppliers Safety data sheet dated: 03.09.2018.
Abbreviations and acronyms used	<p>EWC: European Waste Code (a code from the EU's common classification system for waste)</p> <p>ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>RID: The Regulations concerning the International Carriage of Dangerous Goods by Rail</p> <p>IMDG: The International Maritime Dangerous Goods Code</p> <p>ICAO-TI: International Civil Aviation Organization - Technical Instructions for the Safe Transport of Dangerous Goods by Air</p> <p>OECD: Organisation for Economic Cooperation and Development.</p> <p>PBT: Persistent, Bioaccumulative and Toxic</p> <p>vPvB: very Persistent and very Bioaccumulative</p>
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	2