

SAFETY DATA SHEET**FLO 175**

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	29.12.2022
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1.1. Product identifier

Product name	FLO 175
UFI	9PF0-W009-T00S-QPC5
Article no.	148732

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

Use of the substance / mixture	Cleaning agent.
The chemical can be used by the general public	No

1.3. Details of the supplier of the safety data sheet**Importer**

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	info@foma.no
Website	www.foma.no

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: Dial 112. Request Poisons Information Centre
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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. 1A; H314
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2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Caustic potash 5 - -10 %
Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage.
Precautionary statements	P260 Inandas inte dimma / sprej. P280 Använd skyddshandskar / ögonskydd. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. 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.

2.3. Other hazards

Other hazards	No recommendation given.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Diethylene glycol monobutyl ether	CAS No.: 112-34-5 EC No.: 203-961-6 Index No.: 603-096-00-8	Eye Irrit. 2; H319;	5 - 10 %	
Caustic potash	CAS No.: 1310-58-3 EC No.: 215-181-3 Index No.: 019-002-00-8 REACH Reg. No.: 01-2119487136-33-xxxx	Acute Tox. 4; H302 Skin Corr. 1A; H314	5 - -10 %	
2-Ethylhexanol ethoxylate	CAS No.: 26468-86-0	Eye Irrit. 2; H319	1 - 5 %	
2-Propylheptanoletoxilat	CAS No.: 160875-66-1 REACH Reg. No.: polymer	Eye Dam. 1; H318 Acute Tox. 4; H302	1 - -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

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for
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	breathing. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Skin contact	Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical advice/attention if you feel unwell.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do NOT induce vomiting. Get medical attention.

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

Information for health personnel	Treat symptomatically.
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4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	Behandla symptomatiskt
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Fire or high temperatures create: Kolmonoxid (CO). Koldioxid (CO ₂).
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5.3. Advice for firefighters

Personal protective equipment	Use personal protective equipment as required.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Keep public away from danger area. For personal protection, see section 8.
For emergency responders	Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautionary measures	Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation. If this is not possible notify police and appropriate authorities immediately.
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6.3. Methods and material for containment and cleaning up

Cleaning method	Collect with absorbent, non-combustible material into suitable containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.
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6.4. Reference to other sections

Additional information

For personal protection, see section 8.
For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

Observe good chemical hygiene practices. Mechanical ventilation or local exhaust ventilation may be required. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Eye wash facilities and emergency shower must be available when handling this product.

Protective safety measures

Advice on general occupational hygiene

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Keep containers hermetically sealed before and after use.

Special risks and properties

Reagerar kraftigt med syror

Conditions for safe storage

Requirements for storage rooms and vessels

Store in tightly closed original container at a temperature above 0°C.

7.3. Specific end use(s)

Recommendations

Obtain special instructions before use.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Diethylene glycol monobutyl ether	CAS No.: 112-34-5	Limit value (8 h) : 10 ppm	
		Limit value (8 h) : 67,5 mg/m³	
		Limit value (short term)	
		Value: 15 ppm	
		Limit value (short term)	
Caustic potash	CAS No.: 1310-58-3	Value: 101,2 mg/m³	
		Limit value (8 h) : 1 mg/m³	
		Limit value (short term)	
		Value: 2 mg/m³	

DNEL / PNEC

Substance

Caustic potash

DNEL

Group: Professional

Route of exposure: Long-term inhalation (local)

Value: 1 mg/m³

Group: Consumer

Route of exposure: Long-term inhalation (local)

Value: 1 mg/m³

8.2. Exposure controls

Limitation of exposure on workplace

Provide adequate general and local exhaust ventilation. Provide eyewash, quick drench. Due to the hazardous nature of ingredients, exposure should be minimal.

Safety signs



Eye / face protection

Eye protection

Wear goggles/face shield.

Hand protection

Hand protection

Wear protective gloves. If signs of wear and tear are noticed then the gloves should be replaced.

Suitable materials

Neoprene. Polyvinyl chloride (PVC).

Skin protection

Skin protection (except hands)

Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection

Respiratory protection

In case of inadequate ventilation use suitable respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid.

Colour

Yellowish.

pH

Status: In delivery state
Value: > 13

Relative density

Value: ~ 1,08

Solubility in water

Helt löslig

9.2. Other information

9.2.2. Other safety characteristics

Comments

No recommendation given.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Store in a dry place. Store in a closed container. Violent reaction with: syror
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10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No recommendation given.
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10.4. Conditions to avoid

Conditions to avoid	No recommendation given.
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10.5. Incompatible materials

Materials to avoid	Chemically active metals. Strong acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No recommendation given.
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SECTION 11: Toxicological information

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

Substance	Caustic potash
Acute toxicity	Effect tested: LD50 Route of exposure: Oral Method: OECD:s riktlinjer för test 425 Value: 333 mg/kg Animal test species: Råtta
Substance	2-Propylheptanoletoxilat
Acute toxicity	Effect tested: LD50 Route of exposure: Oral Value: > 300 -2000 mg/kg Animal test species: Rat

Other information regarding health hazards

Inhalation	Spray mist irritates the respiratory system, and may cause coughing and difficulties in breathing.
Skin contact	Corrosive.
Eye contact	Corrosive. Risk of serious damage to eyes.
Ingestion	Harmful: possible risk of irreversible effects if swallowed.

11.2 Other information

Endocrine disruption	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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SECTION 12: Ecological information

12.1. Toxicity

Substance	Caustic potash
Aquatic toxicity, fish	Toxicity type: Acute Value: 80 mg/l Effect dose concentration: LC50 Exposure time: 96 hour(s) Species: Gambusia affinis (moskitfisk) Method: Statiskt test Toxicity type: Acute Value: 165 mg/l Effect dose concentration: LC50 Exposure time: 24 hour(s) Species: Poecilia reticulata;
Substance	2-Propylheptanoletoxilat
Aquatic toxicity, fish	Value: > 10 -100 mg/l Effect dose concentration: LC50 Exposure time: 96 hour(s) Species: Oncorhynchus mykiss
Substance	2-Propylheptanoletoxilat
Aquatic toxicity, algae	Value: > 10 -100 mg/l Effect dose concentration: EC50 Exposure time: 48 hour(s) Species: Daphnia magna
Ecotoxicity	There are no data on the ecotoxicity of this product.

12.2. Persistence and degradability

Persistence and degradability, comments	All organic components are considered biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
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12.4. Mobility in soil

Mobility	The product contains substances, which are water soluble and may spread in water systems.
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12.5. Results of PBT and vPvB assessment

vPvB evaluation results	Not determined.
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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.

12.7. Other adverse effects

Additional ecological information

No recommendation given.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product classified as hazardous waste

Yes

Other information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

SECTION 14: Transport information

Dangerous goods

Yes

14.1. UN number

ADR/RID/ADN

1814

IMDG

1814

ICAO/IATA

1814

14.2. UN proper shipping name

ADR/RID/ADN

POTASSIUM HYDROXIDE SOLUTION

IMDG

POTASSIUM HYDROXIDE SOLUTION

ICAO/IATA

POTASSIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

ADR/RID/ADN

8

Classification code ADR/RID/ADN

C5

IMDG

8

ICAO/IATA

8

14.4. Packing group

ADR/RID/ADN

II

IMDG

II

ICAO/IATA

II

14.5. Environmental hazards

14.6. Special precautions for user**14.7. Maritime transport in bulk according to IMO instruments****ADR/RID Other information**

Tunnel restriction code	E
Hazard No.	80

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**

Other label information	As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
Legislation and regulations	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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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)	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation.
Version	1