



## Safety Data Sheet Tøyvask Flytende

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : Tøyvask Flytende  
Product code : 11119, 11121, 11122  
Type of product : Detergent

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

##### Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Detergent.

##### Uses advised against

No additional information available

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

##### Supplier

Premiere Produkter AS  
Austbøsletta 6  
4085 Hundvåg - Norge  
T +47 51 85 83 00 - F +47 51 85 83 01  
[dagfinn@premiere-produkter.no](mailto:dagfinn@premiere-produkter.no) - [www.premiere-produkter.no](http://www.premiere-produkter.no)

##### Manufacturer

Premiere Products  
Oakley Gardens, Bouncers Lane, Cheltenham,  
Gloucestershire, GL52 5JD, UK  
T 0044 (0) 01242 53715 - F 0044 (0) 1242 528445

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
Norway	Giftinformasjonen Directorate of Health and Social Affairs	P.O. Box 7000, St. Olavs Plass 0130 Oslo	112/ +47 22 59 13 00

### SECTION 2: HAZARDS IDENTIFICATION

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Corr. 1A H314

Full text of hazard classes and H-statements : see section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazardous ingredients : potassium hydroxide, caustic potash  
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage  
Precautionary statements (CLP) : P102 - Keep out of reach of children  
P280 - Wear protective gloves, eye protection  
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**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substance**

Not applicable

**3.2. Mixture**

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
disodium metasilicate	(CAS No) 6834-92-0 (EC no) 229-912-9 (EC index no) 014-010-00-8 (REACH-no) 01-2119449811-37	5 - 25	Skin Corr. 1B, H314 STOT SE 3, H335
potassium hydroxide, caustic potash	(CAS No) 1310-58-3 (EC no) 215-181-3 (EC index no) 019-002-00-8 (REACH-no) 01-2119487136-33	5 - 15	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314

**Specific concentration limits:**

Name	Product identifier	Specific concentration limits
potassium hydroxide, caustic potash	(CAS No) 1310-58-3 (EC no) 215-181-3 (EC index no) 019-002-00-8 (REACH-no) 01-2119487136-33	( 0.5 =<C < 2) Eye Irrit. 2, H319 ( 0.5 =<C < 2) Skin Irrit. 2, H315 ( 2 =<C < 5) Skin Corr. 1B, H314 ( C >= 5) Skin Corr. 1A, H314

Full text of H-statements: see section 16

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries	: Causes severe skin burns and eye damage.
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after ingestion	: May perforate the oesophagus or the digestive tract.

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

Chemical burns must be treated by a physician.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

Fire hazard	: Not flammable according to national regulations concerning flammable goods.
Hazardous decomposition products in case of fire	: When heated and in case of fire, corrosive vapours/gases may be formed.

**5.3. Advice for firefighters**

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper personal protective equipment, including respiratory protection.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

General measures : Avoid contact with skin and eyes.

**For non-emergency personnel**

Protective equipment : Wear appropriate personal protective equipment - see Section 8.  
Emergency procedures : Evacuate unnecessary personnel.

**For emergency responders**

Protective equipment : Equip cleanup crew with proper protection.

**6.2. Environmental precautions**

Discharging into rivers and drains is forbidden. Notify authorities if liquid enters sewers or public waters.

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

For containment : Collect all waste in suitable and labelled containers and dispose according to local legislation.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

**6.4. Reference to other sections**

See section 13 for waste handling. See Heading 8. Exposure controls and personal protection.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

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

Storage conditions : Keep out of reach of children. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed.

Incompatible materials : Refer to Section 10 on Incompatible Materials.

Packaging materials : Only store product in original container. Do not store in corrodable metal.

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

Consult the supplier for further information.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

potassium hydroxide, caustic potash (1310-58-3)		
Norway	Local name	Kaliumhydroksid
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Norway	Merknader (NO)	T

**8.2. Exposure controls**

Appropriate engineering controls : Provide adequate ventilation. Provide eyewash station.

Personal protective equipment : Gloves. Safety glasses.

Hand protection : Wear suitable gloves. Butylrubber protective gloves. Viton rubber (fluor rubber). Neoprene, nitrile, polyethylene or PVC. Breakthrough time : >, 480, minutes. Layer thickness : 0,2 - 0,4 mm. STANDARD EN 374

Eye protection : Wear approved safety goggles. STANDARD EN 166

Skin and body protection : Wear suitable protective clothing

Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



Environmental exposure controls : Avoid release to the environment.

Other information : Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment. Do not eat, drink or smoke during use. Isolate contaminated clothing and wash before reuse.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state : Liquid  
 Colour : clear.  
 Odour : slight.  
 Odour threshold : No data available  
 pH : 14  
 Relative evaporation rate (butylacetate=1) : No data available  
 Melting point : No data available  
 Freezing point : No data available  
 Boiling point : No data available  
 Flash point : No data available  
 Auto-ignition temperature : No data available  
 Decomposition temperature : No data available  
 Flammability (solid, gas) : Non flammable  
 Vapour pressure : No data available  
 Relative vapour density at 20 °C : No data available  
 Relative density : 1.3  
 Solubility : Soluble in water.  
 Log Pow : No data available  
 Viscosity, kinematic : No data available  
 Viscosity, dynamic : No data available  
 Explosive properties : Product is not explosive.  
 Oxidising properties : Non flammable.  
 Explosive limits : No data available

### 9.2. Other information

Additional information : No information.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

May attack light-alloy metals and liberate hydrogen gas.

### 10.4. Conditions to avoid

Avoid contact with acids and alkalis.

### 10.5. Incompatible materials

Zinc. Aluminium. Copper and its alloys.

### 10.6. Hazardous decomposition products

No decomposition if stored normally.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity : Not classified  
 Causes burns

#### disodium metasilicate (6834-92-0)

LD50 oral rat	1153 mg/kg
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#### potassium hydroxide, caustic potash (1310-58-3)

LD50 oral rat	273 - 324 mg/kg
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Skin corrosion/irritation : Causes severe skin burns and eye damage.  
 pH: 14

Serious eye damage/irritation	: Serious eye damage, category 1, implicit pH: 14
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecology - general	: Not regarded as dangerous to the environment. This does not, however, rule out the possibility that large or frequent smaller emissions of the product may be harmful to the environment.
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#### disodium metasilicate (6834-92-0)

LC50 fish 1	210 mg/l (96 hours - Brachydanio rerio, zebra-fish)
EC50 Daphnia 1	49.6 mg/l (48 hours - Daphnia magna)
IC50 algae	1.5 mg/l (IC50, 72 hours)

#### potassium hydroxide, caustic potash (1310-58-3)

LC50 fish 1	80 (96 hours - Gambusia affinis - Mosquito fish)
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### 12.2. Persistence and degradability

#### Tøyvask Flytende

Persistence and degradability	The chemical is readily biodegradable.
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### 12.3. Bioaccumulative potential

#### Tøyvask Flytende

Bioaccumulative potential	No bioaccumulation expected.
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#### disodium metasilicate (6834-92-0)

Log Pow	< 0
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#### potassium hydroxide, caustic potash (1310-58-3)

Log Pow	< 0
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### 12.4. Mobility in soil

#### Tøyvask Flytende

Ecology - soil	In water, material soluble.
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### 12.5. Results of PBT and vPvB assessment

#### Tøyvask Flytende

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

Other adverse effects	: None to our knowledge.
Additional information	: Avoid release to the environment





## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Regional legislation (waste)	: Dispose as hazardous waste.
Waste treatment methods	: Follow the instructions for destruction of used packing. Recover and reclaim or recycle, if practical.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: The given EWC-code is a guiding, and the code depends on how the waste is formed. User must evaluate the choice of correct code.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances

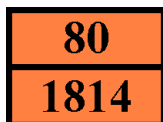
## SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	RID
<b>14.1. UN number</b>			
1814	1814	1814	1814
<b>14.2. UN proper shipping name</b>			
POTASSIUM HYDROXIDE SOLUTION	POTASSIUM HYDROXIDE SOLUTION	Potassium hydroxide solution	POTASSIUM HYDROXIDE SOLUTION
<b>Transport document description</b>			
UN 1814 POTASSIUM HYDROXIDE SOLUTION, 8, II, (E)	UN 1814 POTASSIUM HYDROXIDE SOLUTION, 8, II		
<b>14.3. Transport hazard class(es)</b>			
8	8	8	8
			
<b>14.4. Packing group</b>			
II	II	II	II
<b>14.5. Environmental hazards</b>			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available			

**14.6. Special precautions for user****- Overland transport**

Classification code (ADR) : C5  
 Limited quantities (ADR) : 11  
 Excepted quantities (ADR) : E2  
 Packing instructions (ADR) : P001, IBC02  
 Mixed packing provisions (ADR) : MP15  
 Portable tank and bulk container instructions (ADR) : T7  
 Portable tank and bulk container special provisions (ADR) : TP2  
 Tank code (ADR) : L4BN  
 Vehicle for tank carriage : AT  
 Transport category (ADR) : 2  
 Hazard identification number (Kemler No.) : 80  
 Orange plates :



Tunnel restriction code (ADR) : E

**- Transport by sea**

Limited quantities (IMDG) : 1 L  
 Excepted quantities (IMDG) : E2  
 Packing instructions (IMDG) : P001  
 IBC packing instructions (IMDG) : IBC02  
 Tank instructions (IMDG) : T7  
 Tank special provisions (IMDG) : TP2  
 EmS-No. (Fire) : F-A  
 EmS-No. (Spillage) : S-B  
 Stowage category (IMDG) : A  
 Properties and observations (IMDG) : Colourless liquid. Reacts with ammonium salts, evolving ammonia gas. Reacts with ammonium salts, evolving ammonia gas. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.

**- Air transport**

PCA Excepted quantities (IATA) : E2  
 PCA Limited quantities (IATA) : Y840

PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 851
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 855
CAO max net quantity (IATA)	: 30L
Special provisions (IATA)	: A3
ERG code (IATA)	: 8L

**Rail transport**

No data available

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : Regulation (EC) No.648/2004, 487/2013. Detergents.

Detergent Regulation : Ingredient data sheet:

Component	CAS No	%
disodium metasilicate	6834-92-0	>=10%
potassium hydroxide, caustic potash	1310-58-3	>=10%

**National regulations**

EC-regulation 453/2010/EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: OTHER INFORMATION**

Data sources	: Classification according to Regulation (EC) No. 1272/2008 [CLP], EC-regulation 453/2010/EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.
Other information	: None.
Date of issue	: 21/05/2016
Revision date	: 21/02/2023
Supersedes	: 15/11/2013
Version	: 4.2
Signature	: K. Dyreskog

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

The information in this safety data sheet is based on information from the manufacturer/supplier, present European and national legislation, and presupposes that the product is used within the specified area of application.