2. útgáfa 28.10.2026

Öryggisblað (SDS)

Samkvæmt reglugerð Nr. 888/2015 (EB reglugerð 1907/2006 REACH)

1. Auðkenning efnisins eða blöndunnar og félagsins eða fyrirtækisins

1.1 Vörukenni: **Kalíumhýdroxíð (flögur)**

1.2 Viðeigandi og tilgreind notkun efnis eða blöndu og notkun sem ráðið er frá:

Viðeigandi notkun Sterkur lútur til iðnaðarnota.

Notkun sem ráðið er frá Engar upplýsingar fyrirliggjandi.

1.3 Söluaðili:

N1
Dalvegur 10-14
201 Kópavogur
Sími: 440 1000
Netfang: n1@n1.is
Veffang: www.n1.is

Framleiðandi:

Brenntag N.V.
Nijverheidslaan 38
BE-8540 Deerlijk, Belgía
32-56-776944
info@brenntag.be
www.brenntag.be

1.4 Neyðarsímanúmer: Eitrunarmiðstöð LSH veitir upplýsingar allan sólarhringinn um viðbrögð við slysum með hættuleg efni. Sími 543 2222. Neyðarlínan, lögregla, slökkvilið, sjúkraflutningar; sími 112.

2. Hættugreining

2.1 Flokkun efnisins eða blöndunnar:

Flokkun skv. reglugerð EB 1272/2008 (CLP):

H290	Getur verið ætandi fyrir málma.	Málmæt.1
H302	Hættulegt við inntöku.	Bráð eit.4
H314	Veldur alvarlegum bruna á húð og augnskaða	Húðæt.1A
H318	Veldur alvarlegum augnskaða.	Augnskað.1
H335	Getur valdið ertingu í öndunarfærum.	SEM-VES 3

2.2 Merkingaratriði:

Merking skv. reglugerð EB 1272/2008 (CLP):

Hættumerki



Viðvörunarorð **HÆTTA**

Hættusetningar

H290	Getur verið ætandi fyrir málma.
H302	Hættulegt við inntöku.
H314	Veldur alvarlegum bruna á húð og augnskaða
H335	Getur valdið ertingu í öndunarfærum.

Varnaðarsetningar

P102	Geymist þar sem börn ná ekki til.
P260	Andið ekki að ykkur ryki/reyk/lofttegund/úða/gufu/ýringi.
P280	Notið hlífðarhanska/hlífðarfatnað/augnhlífar/andlitshlífar.
P301+P330+P331	EFTIR INNTÖKU: Skolið munninn. EKKI framkalla uppköst.
P303+P361+P353	BERIST EFNIÐ Á HÚÐ (eða í hár): Farið strax úr fötum sem óhreinkast af efninu. Skolið húðina með vatni/Farið í sturtu.
P304+P340+P310	EFTIR INNÖNDUN: Flytjið viðkomandi í ferskt loft og látið hann hvílast í stellingu sem léttir öndun. Hringið umsvifalaust í EITRUNARMIÐSTÖÐ/lækni.
P305+P351+P338	BERIST EFNIÐ Í AUGU: Skolið varlega með vatni í nokkrar mínútur. Fjarlægið snertilinsur ef það er auðvelt. Skolið áfram.
P501	Fargið innihaldi/íláti hjá viðurkenndri spilliefnamóttöku.

Inniheldur: Kalíumhýdroxíð.

2.3 Aðrar hættur:
Sjá einnig 11. og 15. lið.

Varan inniheldur engin efni sem flokkast sem PBT eða vPvB (>0,1%).
(**PBT**: Þrávirkt, safnast upp í lífverum, eitrað. **vPvB**: Afar þrávirkt, safnast mjög fyrir í lífverum).

Eiturfræðilegar og Umhverfislegar hættur

Varan inniheldur engin efni sem talin eru hafa áhrif á starfsemi innkirtla samkvæmt REACH grein 59(1) eða reglugerð ESB 2017/2100 eða (EU) 2018/605 (>0,1%).

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended

POTASSIUM HYDROXIDE FLAKES VYNOVA PPC

Version 3.0 Print Date 28.08.2026

Revision date / valid from 26.08.2026

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

1.1. Product identifier

Trade name	:	POTASSIUM HYDROXIDE FLAKES VYNOVA PPC
Substance name	:	potassium hydroxide
Index-No.	:	019-002-00-8
CAS-No.	:	1310-58-3
EC-No.	:	215-181-3
EU REACH-Reg. No.	:	01-2119487136-33-xxxx

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

Use of the Substance/Mixture	:	Identified use: See table in front of appendix for a complete overview of identified uses.
Uses advised against	:	At this moment we have not identified any uses advised against
Remarks	:	Before referring to any Exposure Scenario attached to this Safety Data Sheet please check the grade of the product: the Exposure Scenarios presented are not related to all product grade

1.3. Details of the supplier of the safety data sheet

Company	:	Brenntag N.V. Nijverheidslaan 38 BE 8540 Deerlijk
Telephone	:	+32 (0)56 77 6944
Telefax	:	+32 (0)56 77 5711
E-mail address	:	info@brenntag.be
Responsible/issuing person	:	Master Data Administration
Company	:	Brenntag Nederland B.V. Donker Duyvisweg 44 NL 3316 BM Dordrecht
Telephone	:	+31 (0)78 65 44 944
Telefax	:	+31 (0)78 65 44 919
E-mail address	:	info@brenntag.nl
Responsible/issuing person	:	Master Data Administration

1.4. Emergency telephone number

Emergency telephone number	:	Belgium: Antipoison Center - Brussels TEL: +32(0)70 245 245 Netherland: National Poisoning Information Center - Bilthoven TEL: +31(0) 88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

REGULATION (EC) No 1272/2008			
Hazard class	**Hazard category**	**Target Organs**	**Hazard statements**
Corrosive to metals	Category 1	---	H290
Acute toxicity (Oral)	Category 4	---	H302
Skin corrosion	Sub-category 1A	---	H314
Serious eye damage	Category 1	---	H318
Specific target organ toxicity - single exposure	Category 3	Respiratory system	H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

Most important adverse effects

Human Health	:	See section 11 for toxicological information.
Physical and chemical hazards	:	See section 9/10 for physicochemical information.
Potential environmental effects	:	See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols :



Signal word : Danger

Hazard statements	:	H290	May be corrosive to metals.
		H302	Harmful if swallowed.
		H314	Causes severe skin burns and eye damage.

	H335	May cause respiratory irritation.

Precautionary statements

Prevention	:	P260	Do not breathe dust.
		P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	:	P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
		P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
		P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
		P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

- potassium hydroxide

2.3. Other hazards

The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Potential for exothermic hazard

SECTION 3: Composition/information on ingredients

3.1. Substances

	Classification (REGULATION (EC) No 1272/2008)

Hazardous components	Amount [%]	Hazard class / Hazard category	Hazard statements
potassium hydroxide Index-No. : 019-002-00-8 CAS-No. : 1310-58-3 EC-No. : 215-181-3 EU REACH-Reg. No. : 01-2119487136-33-xxxx	<= 100	Met. Corr.1 Acute Tox.4 Oral Skin Corr.1A Eye Dam.1 STOT SE3 specific concentration limit Skin Irrit. 2; H315 0,5 - < 2 % Eye Irrit. 2; H319 0,5 - < 2 % Skin Corr. 1A; H314 >= 5 % Skin Corr. 1B; H314 2 - < 5 % Acute toxicity estimate Acute oral toxicity: 333 mg/kg	H290 H302 H314 H318 H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : Take off all contaminated clothing immediately.

If inhaled : In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

In case of skin contact : Wash off immediately with soap and plenty of water. Call a physician immediately.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.

If swallowed : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.

Protection of First Aid Responders : First Aid responders should pay attention to self-protection and use the recommended protective clothing.

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

Symptoms : See Section 11 for more detailed information on health effects and symptoms.;

Effects	: Extremely corrosive and destructive to tissue. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach. See Section 11 for more detailed information on health effects and symptoms. Harmful if swallowed. Causes serious eye damage. May cause respiratory irritation. Causes severe burns.

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

Treatment	: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	High volume water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting	:	Incomplete combustion may form toxic pyrolysis products.
Hazardous combustion products	:	The formation of caustic fumes is possible.

5.3. Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.Wear appropriate body protection (full protective suit)
Specific extinguishing methods	:	Control smoke with water spray.
Further advice	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	: Keep away unprotected persons. Use personal protective equipment. Ensure adequate ventilation. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist.

6.2. Environmental precautions

Environmental precautions	: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up	:	Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Flush with plenty of water.
Further information	:	Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on personal protective equipment.
See Section 13 for waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	:	Keep container tightly closed. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Use respirator with appropriate filter if vapours or aerosol are released. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.
Hygiene measures	:	Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep in an area equipped with alkali resistant flooring. Suitable materials for containers: polyethylene containers; Unsuitable materials for containers: Aluminium; Zinc
Advice on protection against fire and explosion	:	The product is not flammable. Gives off hydrogen by reaction with metals. Risk of explosion.
Further information on storage conditions	:	Keep container tightly closed and dry. Product is hygroscopic. Keep in a well-ventilated place.
Advice on common storage	:	Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Specific use(s)	:	Identified use: See table in front of appendix for a complete overview of identified uses.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limit values.

Component:	potassium hydroxide	CAS-No. 1310-58-3

EU Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

DNEL
Workers, Long-term - local effects, Inhalation : 1 mg/m3

DNEL
Workers, Acute - local effects, Inhalation : 1 mg/m3

DNEL
Consumers, Long-term - local effects, Inhalation : 0,3 mg/m3

DNEL
Consumers, Acute - local effects, Inhalation : 0,3 mg/m3

EU Predicted No Effect Concentration (PNEC)

No PNEC value was derived. :

Other Occupational Exposure Limit Values

Belgium. OELs. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1, as amended, Short Term Exposure Limit (STEL):
2 mg/m3, (15 minutes)

8.2. Exposure controls

Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection

Advice : In case of brief exposure or low pollution use breathing filter apparatus.
In case of intensive or longer exposure use self-contained breathing apparatus.
Recommended Filter type:
Particle filter:P2

Hand protection

Advice : The glove material has to be impermeable and resistant to the product / the substance / the preparation.
Take note of the information given by the producer concerning permeability and break through times, and of special workplace

conditions (mechanical strain, duration of contact).
Protective gloves should be replaced at first signs of wear.
Protective gloves complying with EN 374.

Material	:	butyl-rubber
Break through time	:	>= 8 h
Glove thickness	:	0,5 mm

Material	:	Natural Rubber
Break through time	:	>= 8 h
Glove thickness	:	0,5 mm

Material	:	polychloroprene
Break through time	:	>= 8 h
Glove thickness	:	0,5 mm

Material	:	Nitrile rubber
Break through time	:	>= 8 h
Glove thickness	:	0,35 mm

Material	:	Fluorinated rubber
Break through time	:	>= 8 h
Glove thickness	:	0,4 mm

Material	:	Polyvinylchloride
Break through time	:	>= 8 h
Glove thickness	:	0,5 mm

Eye protection

Advice	:	Tightly fitting safety goggles (EN166) Face-shield

Skin and body protection

Protecting Clothes	:	Impervious clothing Chemical resistant apron

Environmental exposure controls

General advice	:	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	:	No data available
Physical state	:	solid
Colour	:	white
Odour	:	odourless

Odour Threshold	:	Not applicable
Melting point/ range	:	406 °C
Boiling point/boiling range	:	1.327 °C (1013 hPa)
Flammability (solid, gas)	:	does not ignite
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
Self-Accelerating decomposition temperature (SADT)	:	No data available
pH	:	14 (20 °C) Concentration: 100 g/l (as aqueous solution) > 11,5 Concentration: 1 % (as aqueous solution)
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Solubility(ies)		
Water solubility	:	1200 g/l (25 °C)
Solubility in other solvents	:	No data available
Dissolution Rate	:	No data available
Partition coefficient: n-octanol/water	:	Not applicable
Dispersion Stability	:	No data available
Vapour pressure	:	Not applicable
Relative density	:	No data available
Density	:	2,04 g/cm3 (20 °C)

Bulk density	:	No data available
Relative vapour density	:	Not applicable
Particle characteristics Assessment	:	This substance/ mixture does not contain nanoforms (according to REACH Regulation)

9.2 Other information

Explosives	:	Product is not explosive.
Oxidizing properties	:	not oxidising
Flammability (liquids)	:	Not applicable
Corrosion to metals	:	Corrosive to metals
Evaporation rate	:	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Advice : No decomposition if stored and applied as directed. Corrosive in contact with metals

10.2. Chemical stability

Advice : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Exothermic reaction with strong bases. Reacts exothermically with water. Gives off hydrogen by reaction with base metals (zinc, aluminium). Risk of explosion.

10.4. Conditions to avoid

Conditions to avoid : Protect from humidity and keep away from water.Product is hygroscopic.

Thermal decomposition : No data available

10.5. Incompatible materials

Materials to avoid : Water, Amines, Ammonia, Light metals, Strong acids, ammonium compounds, Halogenated compounds, Organic materials

10.6. Hazardous decomposition products

Hazardous decomposition products : Sodium oxides, Hydrogen

SECTION 11: Toxicological information

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

Component:	potassium hydroxide	CAS-No. 1310-58-3

Acute toxicity

Oral

LD50	:	333 mg/kg (Rat, male) (OECD Test Guideline 425)

Inhalation

Inhalation may cause pain in respiratory system, sneezing, coughing and difficulty in breathing. Risk for pulmonary edema by high concentration.

Dermal

No data available

Irritation

Skin

Result	:	Very corrosive (reconstructed human epidermis (RhE)) (OECD Test Guideline 431)May cause burns with pain, redness and wounds.

Eyes

Result	:	Very corrosive (Rabbit) (OECD Test Guideline 405)

Sensitisation

Result	:	not sensitizing (Guinea pig)

CMR effects

CMR Properties

Carcinogenicity	:	No data available
Mutagenicity	:	In vitro tests did not show mutagenic effects
Teratogenicity	:	No data available
Reproductive toxicity	:	No data available

Genotoxicity in vitro

Result	:	negative (Mutagenicity (Salmonella typhimurium - reverse mutation assay); with and without metabolic activation)

Specific Target Organ Toxicity

Single exposure

Remarks	:	Target Organs: Respiratory systemMay cause respiratory irritation.

Repeated exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Aspiration hazard

Not applicable,

Further information

Other relevant toxicity information	:	If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

11.2. Information on other hazards

Data for the product

Endocrine disrupting properties

Assessment Endocrine Disrupting Properties	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Component: potassium hydroxide CAS-No. 1310-58-3

Endocrine disrupting properties

Assessment Endocrine Disrupting Properties	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Component:	potassium hydroxide	CAS-No. 1310-58-3
Acute toxicity		
Fish		
LC50	:	80 mg/l (Gambusia affinis (Mosquito fish); 96 h) (static test)
LC50		165 mg/l (Poecilia reticulata; 24 h)
Toxicity to daphnia and other aquatic invertebrates		
	:	No data available
algae		
	:	No data available
Bacteria		
EC50	:	22 mg/l (Photobacterium phosphoreum; 15 min)

12.2. Persistence and degradability

Component:	potassium hydroxide	CAS-No. 1310-58-3
Persistence and degradability		
Persistence		
Result	:	No data available
Biodegradability		
Result	:	The methods for determining the biological degradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

Component:	potassium hydroxide	CAS-No. 1310-58-3
Bioaccumulation		
Result	:	Bioaccumulation is not expected.

12.4. Mobility in soil

Component:	potassium hydroxide	CAS-No. 1310-58-3
Mobility		
Soil	:	Adsorption to solid soil phase is not expected.
Water	:	The product is water soluble.

12.5. Results of PBT and vPvB assessment

Data for the product		
Results of PBT and vPvB assessment		
Result	:	The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

Component:	potassium hydroxide	CAS-No. 1310-58-3
Results of PBT and vPvB assessment		
Result	:	The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

12.6. Endocrine disrupting properties

Data for the product		
Assessment Endocrine Disrupting Properties	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Component:	potassium hydroxide	CAS-No. 1310-58-3
Assessment Endocrine Disrupting Properties	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Component:	potassium hydroxide	CAS-No. 1310-58-3
	Additional ecological information	
Result	:	Do not flush into surface water or sanitary sewer system. Harmful effects to aquatic organisms due to pH-shift.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product	:	Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services. This product shall be disposed of or recovered in compliance with Directive 2008/98/EC on waste as lastly amended.
Contaminated packaging	:	Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.
European Waste Catalogue Number	:	No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

14.1. UN number or ID number

1813

14.2. UN proper shipping name

ADR : POTASSIUM HYDROXIDE, SOLID
RID : POTASSIUM HYDROXIDE, SOLID
IMDG : POTASSIUM HYDROXIDE, SOLID

14.3. Transport hazard class(es)

ADR-Class	: 8
(Labels; Classification Code; Hazard Identification Number; Tunnel restriction code)	8; C6; 80; (E)
RID-Class	: 8
(Labels; Classification Code; Hazard Identification Number)	8; C6; 80
IMDG-Class	: 8
(Labels; EmS)	8; F-A, S-B

14.4. Packaging group

ADR : II
RID : II
IMDG : II

14.5. Environmental hazards

Environmentally hazardous according to ADR : no
Environmentally hazardous according to RID : no
Marine Pollutant according to IMDG-Code : no

14.6. Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Data for the product

Other regulations : SDS updated according to Regulation (EU) 2020/878

Component:	**potassium hydroxide**	**CAS-No. 1310-58-3**

Rotterdam Convention on the Prior Informed Consent (PIC) Procedure for Certain Hazardous Chemicals and Pesticides in International Trade	:	; The substance/mixture does not fall under this legislation.
EU. REACH, Annex XVII, Restrictions on manufacture, placing on the market and use of certain dangerous substances, 1907/2006/EC, as amended	:	Point Nos.: , 75; Listed

EU. Restricted Substances: Annex III, Regulation 1223/2009/EC on Cosmetic Products, as amended	:	Maximum concentration in ready for use preparation: 4,5 %; Professional use products for straightening hair; See the text of the regulation for applicable exceptions or provisions. Maximum concentration in ready for use preparation: 2 %; General use products for straightening hair; See the text of the regulation for applicable exceptions or provisions. Maximum concentration in ready for use preparation: 5 %; Nail cuticle products; See the text of the regulation for applicable exceptions or provisions. ; Cosmetic products other than depilatories; See the text of the regulation for applicable exceptions or provisions. ; Depilatories; See the text of the regulation for applicable exceptions or provisions.
EU. Directive 2012/18/EU on major accident hazards involving dangerous substances, Annex I, as amended	:	; The substance/mixture does not fall under this legislation.
Belgium. OELs. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1, as amended	:	Hazard Designation: ; Irritant

15.2. Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Full text of the Notes referred to under section 3.

Abbreviations and Acronyms

AU AIICL	Australia. Industrial Chemicals Act (AIIC) List
BCF	bioconcentration factor
BOD	biochemical oxygen demand
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	carcinogenic, mutagenic or toxic to reproduction
COD	chemical oxygen demand
DNEL	derived no-effect level
DSL	Canada. Environmental Protection Act, Domestic Substances List
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ENCS (JP)	Japan. Kashin-Hou Law List
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IECSC	China. Inventory of Existing Chemical Substances
INSQ	Mexico. National Inventory of Chemical Substances
ISHL (JP)	Japan. Inventory of Industrial Safety & Health
KECI (KR)	Korea. Existing Chemicals Inventory
LC50	median lethal concentration
LOAEC	lowest observed adverse effect concentration
LOAEL	lowest observed adverse effect level
LOEL	lowest observed effect level
NDSL	Canada. Environmental Protection Act. Non-Domestic Substances List
NLP	no-longer polymer
NOAEC	no observed adverse effect concentration
NOAEL	no observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
NZIOC	New Zealand. Inventory of Chemicals
OECD	Organisation for Economic Cooperation and Development
OEL	occupational exposure limit
ONT INV	Canada. Ontario Inventory List
PBT	persistent, bioaccumulative and toxic
PHARM (JP)	Japan. Pharmacopoeia Listing
PICCS (PH)	Philippines. Inventory of Chemicals and Chemical Substances
PNEC	predicted no-effect concentration
REACH Auth. No.:	REACH Authorisation Number

REACH AuthAppC. No.	REACH Authorisation Application Consultation Number
UK REACH Auth. No.:	UK REACH Authorisation Number
UK REACH AuthAppC. No.	UK REACH Authorisation Application Consultation Number
UK REACH-Reg.No	UK REACH Registration Number
STOT	specific target organ toxicity
SPM	Synthetic Polymer Microparticles
SVHC	substance of very high concern
TCSI	Taiwan. Existing Chemicals Inventory
TH INV	Thailand. Existing Chemicals Inventory from FDA
TSCA	US. Toxic Substances Control Act
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VN INVL	Vietnam. National Chemical Inventory
vPvB	very persistent and very bioaccumulative

Further information

Key literature references and sources for data	:	Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
Methods used for product classification	:	The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
Hints for trainings	:	The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
Other information	:	The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

|| Indicates updated section.

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