SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2015/830

OVENCLEANER FS

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

1.1. Product identifier

Product name : OVENCLEANER FS
Registration number REACH : Not applicable (mixture)
Product type REACH : Mixture

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

1.2.1 Relevant identified uses

Detergent according to Regulation (EC) No 648/2004

1.2.2 Uses advised against

No uses advised against known

1.3. Details of the supplier of the safety data sheet

Supplier of the safety data sheet

Novatio*
Industrielaan 5B
B-2250 Olen
☎ +32 14 25 76 40
🖷 +32 14 22 02 66
info@novatio.be
*NOVATIO is a registered trademark of Novatech International N.V.

Manufacturer of the product

Novatech International N.V.
Industrielaan 5B
B-2250 Olen
☎ +32 14 85 97 37
🖷 +32 14 85 97 38
info@tec7.be

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch):
+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statements
Met. Corr.	category 1	H290: May be corrosive to metals.
Acute Tox.	category 4	H302: Harmful if swallowed.
Skin Corr.	category 1A	H314: Causes severe skin burns and eye damage.

2.2. Label elements

Contains: potassium hydroxide; tetrasodium ethylene diamine tetraacetate.

Signal word Danger

H-statements

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

P-statements

P280 Wear protective gloves, protective clothing and eye protection/face protection.
P260 Do not breathe vapours/mist.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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/doctor.

2.3. Other hazards

No other hazards known

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
potassium hydroxide 01-2119487136-33	1310-58-3 215-181-3	5%<C<15%	Met. Corr. 1; H290 Acute Tox. 4; H302 Skin Corr. 1A; H314	(1)(2)(6)(8)	Constituent
tetrasodium ethylene diamine tetraacetate 01-2119486762-27	64-02-8 200-573-9	C<5 %	Acute Tox. 4; H332 Acute Tox. 4; H302 Eye Dam. 1; H318	(1)(6)	Constituent

(1) For H-statements in full: see heading 16
(2) Substance with a Community workplace exposure limit
(6) Enumerated in Annex VI of Regulation (EC) No. 1272/2008 but the classification has been adapted after evaluation of available test data
(8) Specific concentration limits, see heading 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

After inhalation:

Remove the victim into fresh air. Immediately consult a doctor/medical service.

After skin contact:

Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Do not apply (chemical) neutralizing agents without medical advice. Do not remove clothing if it sticks to the skin. Cover wounds with sterile bandage. Consult a doctor/medical service. If burned surface > 10%: take victim to hospital.

After eye contact:

Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not apply (chemical) neutralizing agents without medical advice. Take victim to an ophthalmologist.

After ingestion:

Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Do not apply (chemical) neutralizing agents without medical advice. Immediately consult a doctor/medical service.

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

4.2.1 Acute symptoms

After inhalation:

Headache. Dizziness. Nausea. Disturbances of consciousness.

After skin contact:

Caustic burns/corrosion of the skin.

After eye contact:

Corrosion of the eye tissue.

After ingestion:

Possible esophageal perforation. Burns to the gastric/intestinal mucosa.

4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Adapt extinguishing media to the environment for surrounding fires.

5.1.2 Unsuitable extinguishing media:

Not applicable.

5.2. Special hazards arising from the substance or mixture

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide).

5.3. Advice for firefighters

5.3.1 Instructions:

Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it. Heat exposure: dilute toxic gas/vapour with water spray.

5.3.2 Special protective equipment for fire-fighters:

Gloves. Face-shield. Corrosion-proof suit. Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No naked flames. Corrosion-proof appliances.

6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

6.1.2 Protective equipment for emergency responders

Gloves. Face-shield. Corrosion-proof suit.

Suitable protective clothing

See heading 8.2

6.2. Environmental precautions

Contain released product. Dam up the liquid spill. Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

6.4. Reference to other sections

See heading 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Keep away from naked flames/heat. Observe very strict hygiene - avoid contact. Remove contaminated clothing immediately. Use corrosionproof equipment. Do not discharge the waste into the drain. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Storage temperature: < 50 °C. Protect against frost. Keep container in a well-ventilated place. Keep out of direct sunlight. Keep locked up. Unauthorized persons are not admitted. Keep container tightly closed. Meet the legal requirements.

7.2.2 Keep away from:

Heat sources, (strong) acids, metals.

7.2.3 Suitable packaging material:

No data available

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

Belgium

Potassium (hydroxyde de)	Short time value	2 mg/m³ (M)

La mention “M” indique que lors d’une exposition supérieure à la valeur limite, des irritations apparaissent ou un danger d’intoxication aiguë existe. Le procédé de travail doit être conçu de telle façon que l’exposition ne dépasse jamais la valeur limite. Lors des mesurages, la période d’échantillonnage doit être aussi courte que possible afin de pouvoir effectuer des mesurages fiables. Le résultat des mesurages est calculé en fonction de la période d’échantillonnage.

France

Potassium (hydroxyde de)	Short time value (VL: Valeur non réglementaire indicative)	2 mg/m³

UK

Potassium hydroxide	Short time value (Workplace exposure limit (EH40/2005))	2 mg/m³

USA (TLV-ACGIH)

Potassium hydroxide	Momentary value (TLV - Adopted Value)	2 mg/m³

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 DNEL/PNEC values

DNEL/DMEL - Workers

potassium hydroxide

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term local effects inhalation	1 mg/m³	

tetrasodium ethylene diamine tetraacetate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term local effects inhalation	1.5 mg/m³	
	Acute local effects inhalation	3 mg/m³	

DNEL/DMEL - General population

potassium hydroxide

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term local effects inhalation	1 mg/m³	

tetrasodium ethylene diamine tetraacetate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term local effects inhalation	0.6 mg/m³	
	Acute local effects inhalation	1.2 mg/m³	
	Long-term systemic effects oral	25 mg/kg bw/day	

PNEC

tetrasodium ethylene diamine tetraacetate

Compartments	Value	Remark
Fresh water	2.2 mg/l	
Marine water	0.22 mg/l	
Fresh water (intermittent releases)	1.2 mg/l	
STP	43 mg/l	
Soil	0.72 mg/kg soil dw	

8.1.5 Control banding

If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

Observe very strict hygiene - avoid contact. Do not eat, drink or smoke during work.

a) Respiratory protection:

Full face mask with filter type B at conc. in air > exposure limit.

b) Hand protection:

Protective gloves against chemicals (EN374).

Materials	Measured breakthrough time	Thickness	Protection index
nitrile rubber	> 480 minutes	0.35 mm	Class 6

- materials (excellent resistance)

Nitrile rubber.

c) Eye protection:

Face shield.

d) Skin protection:

Corrosion-proof clothing.

8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Liquid
Odour	Characteristic odour
Odour threshold	No data available
Colour	No data available on colour
Particle size	Not applicable (liquid)
Explosion limits	No data available
Flammability	Non-flammable
Log Kow	Not applicable (mixture)
Dynamic viscosity	1 mPa.s ; 20 °C
Kinematic viscosity	1 mm²/s ; 40 °C
Melting point	0 °C
Boiling point	100 °C
Evaporation rate	0.3 ; Butyl acetate
Relative vapour density	No data available
Vapour pressure	23.32 hPa ; 20 °C
Solubility	Water ; complete
Relative density	1.145 ; 20 °C
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Flash point	No data available
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	Not classified
pH	13.9

9.2. Other information

Absolute density	1145 kg/m³ ; 20 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

Heating increases the fire hazard. Basic reaction. May be corrosive to metals.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

May be corrosive to metals.

10.4. Conditions to avoid

Precautionary measures

Keep away from naked flames/heat.

10.5. Incompatible materials

(strong) acids, metals.

10.6. Hazardous decomposition products

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1 Test results

Acute toxicity

OVENCLEANER FS

No (test)data on the mixture available

Classification is based on the relevant ingredients

potassium hydroxide

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	Equivalent to OECD 425	333 mg/kg bw - 388 mg/kg bw		Rat (male)	Experimental value	
Dermal						Data waiving	
Inhalation						Data waiving	

tetrasodium ethylene diamine tetraacetate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	BASF test	1780 mg/kg bw - 2000 mg/kg bw		Rat (male/female)	Experimental value	
Dermal						Data waiving	
Inhalation (aerosol)	LOAEC	OECD 412	30 mg/m³ air	6 h	Rat (male)	Read-across	

Conclusion

Harmful if swallowed.

Not classified as acute toxic in contact with skin

Not classified as acute toxic if inhaled

Corrosion/irritation

OVENCLEANER FS

No (test)data on the mixture available

Classification is based on the relevant ingredients

potassium hydroxide

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage	Equivalent to OECD 405	5 minutes		Rabbit	Experimental value	5% aqueous solution
Eye	1%: irritating	Equivalent to OECD 405	24 h		Rabbit	Experimental value	
Skin	Corrosive	Equivalent to OECD 404	4 h	24; 48 hours	Rabbit	Experimental value	10 % aqueous solution
Inhalation	Irritating	Human observation			Human	Read-across (NaOH)	

tetrasodium ethylene diamine tetraacetate

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage	Equivalent to OECD 405		24; 72 hours	Rabbit	Experimental value	
Skin	Not irritating	OECD 404	4 h	24; 48; 72 hours	Rabbit	Experimental value	

Conclusion

Causes severe skin burns and eye damage.

Respiratory or skin sensitisation

OVENCLEANER FS

No (test)data on the mixture available

Judgement is based on the relevant ingredients

potassium hydroxide

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	Other		24 hours	Guinea pig (male)	Experimental value	

tetrasodium ethylene diamine tetraacetate

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	OECD 406		24; 48; 72 hours	Guinea pig (female)	Read-across	

Conclusion

Not classified as sensitizing for skin

Not classified as sensitizing for inhalation

Specific target organ toxicity

OVENCLEANER FS

No (test)data on the mixture available

Judgement is based on the relevant ingredients

potassium hydroxide

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral								Data waiving
Dermal								Data waiving
Inhalation								Data waiving

tetrasodium ethylene diamine tetraacetate

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (diet)	NOAEL	Subchronic toxicity test	≥ 500 mg/kg bw/day		No effect	13 weeks (daily)	Rat (male)	Read-across
Inhalation (dust)	NOAEC	OECD 413	3 mg/m³ air		No effect	13 weeks (6h/day, 5 days/week)	Rat (male/female)	Read-across

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

OVENCLEANER FS

No (test)data on the mixture available

potassium hydroxide

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	Ames test	Bacteria (S.typhimurium)		Experimental value

tetrasodium ethylene diamine tetraacetate

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	Equivalent to OECD 471	Bacteria (S.typhimurium)	No effect	Read-across

Mutagenicity (in vivo)

OVENCLEANER FS

No (test)data on the mixture available

Judgement is based on the relevant ingredients

potassium hydroxide

Result	Method	Exposure time	Test substrate	Organ	Value determination
					Data waiving

tetrasodium ethylene diamine tetraacetate

Result	Method	Exposure time	Test substrate	Organ	Value determination
Negative (Oral (stomach tube))	OECD 474	2 dose(s)/24-hour interval	Mouse (male)		Read-across

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

OVENCLEANER FS

No (test)data on the mixture available

Judgement is based on the relevant ingredients

potassium hydroxide

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Unknown								Data waiving

tetrasodium ethylene diamine tetraacetate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Oral (diet)	NOAEL	Carcinogenic toxicity study	≥ 500 mg/kg bw/day	103 weeks (daily)	Rat (male/female)	No carcinogenic effect		Read-across

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

OVENCLEANER FS

No (test)data on the mixture available

Judgement is based on the relevant ingredients

potassium hydroxide

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity								Data waiving
Effects on fertility								Data waiving

tetrasodium ethylene diamine tetraacetate

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity (Oral (stomach tube))	NOAEL	Developmental toxicity study	≥ 1374 mg/kg bw/day	7 day(s)	Rat	No effect		Experimental value
Maternal toxicity (Oral (stomach tube))	LOAEL	Developmental toxicity study	1374 mg/kg bw/day	7 day(s)	Rat	Maternal toxicity		Experimental value
Effects on fertility (Oral (diet))	NOAEL		≥ 250 mg/kg bw/day	2 year(s)	Rat (male/female)	No effect		Read-across

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

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No (test)data on the mixture available

Chronic effects from short and long-term exposure

OVENCLEANER FS

No effects known.

SECTION 12: Ecological information

12.1. Toxicity

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No (test)data on the mixture available

Judgement of the mixture is based on the relevant ingredients

tetrasodium ethylene diamine tetraacetate

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	US EPA	> 121 mg/l	96 h	Lepomis macrochirus	Static system	Fresh water	Experimental value
Acute toxicity crustacea	EC50	DIN 38412-11	625 mg/l	24 h	Daphnia magna	Static system	Fresh water	Experimental value
Toxicity algae and other aquatic plants	EC10	OECD 201	308 mg/l	72 h	Pseudokirchneriella subcapitata	Static system	Fresh water	Read-across
Long-term toxicity fish	NOEC	OECD 210	≥ 25.7 mg/l	35 day(s)	Brachydanio rerio	Flow-through system	Fresh water	Read-across
Long-term toxicity aquatic crustacea	NOEC	EU Method	50 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental value

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

tetrasodium ethylene diamine tetraacetate

Biodegradation water

Method	Value	Duration	Value determination
OECD 302B: Inherent Biodegradability: Zahn-Wellens/EMPA Test	8 %	28 day(s)	Experimental value

Conclusion

Contains non readily biodegradable component(s)

The surfactant(s) is/are biodegradable

12.3. Bioaccumulative potential

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Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

potassium hydroxide

Log Kow

Method	Remark	Value	Temperature	Value determination
	No data available			

tetrasodium ethylene diamine tetraacetate

BCF fishes

Parameter	Method	Value	Duration	Species	Value determination
BCF		1.1 - 1.8	28 day(s)	Lepomis macrochirus	Experimental value

Conclusion

Does not contain bioaccumulative component(s)

12.4. Mobility in soil

No (test)data on mobility of the components available

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Other adverse effects

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Fluorinated greenhouse gases (Regulation (EU) No 517/2014)

None of the known components is included in the list of substances which may contribute to the greenhouse effect (IPCC)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.
Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).
20 01 29* (separately collected fractions (except 15 01): detergents containing hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Recycle/reuse. Neutralize. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into the sewer. Do not discharge into surface water.

13.1.3 Packaging/Container

European Union

Waste material code packaging (Directive 2008/98/EC).
15 01 10* (packaging containing residues of or contaminated by dangerous substances).

SECTION 14: Transport information

Road (ADR)

14.1. UN number

UN number	1719

14.2. UN proper shipping name

Proper shipping name	Caustic alkali liquid, n.o.s. (potassium hydroxide)

14.3. Transport hazard class(es)

Hazard identification number	80
Class	8
Classification code	C5

14.4. Packing group

Packing group	II
Labels	8

14.5. Environmental hazards

Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	274
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)

Rail (RID)

14.1. UN number

UN number	1719

14.2. UN proper shipping name

Proper shipping name	Caustic alkali liquid, n.o.s. (potassium hydroxide)

14.3. Transport hazard class(es)

Hazard identification number	80
Class	8
Classification code	C5

14.4. Packing group

Packing group	II
Labels	8

14.5. Environmental hazards

Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	274
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)

Inland waterways (ADN)

14.1. UN number

UN number	1719

14.2. UN proper shipping name

Proper shipping name	Caustic alkali liquid, n.o.s. (potassium hydroxide)

14.3. Transport hazard class(es)

Class	8
Classification code	C5

14.4. Packing group

Packing group	II
Labels	8

14.5. Environmental hazards

Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	274
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)

Sea (IMDG/IMSBC)

14.1. UN number

UN number	1719

14.2. UN proper shipping name

Proper shipping name	Caustic alkali liquid, n.o.s. (potassium hydroxide)

14.3. Transport hazard class(es)

Class	8

14.4. Packing group

Packing group	II
Labels	8

14.5. Environmental hazards

Marine pollutant	-
Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	274
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Annex II of MARPOL 73/78	Not applicable, based on available data

Air (ICAO-TI/IATA-DGR)

14.1. UN number

UN number	1719

14.2. UN proper shipping name

Proper shipping name	Caustic alkali liquid, n.o.s. (potassium hydroxide)

14.3. Transport hazard class(es)

Class	8

14.4. Packing group

Packing group	II
Labels	8

14.5. Environmental hazards

Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	A3
Special provisions	A803
Limited quantities: maximum net quantity per packaging	0.5 L

SECTION 15: Regulatory information

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

European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
0 g/l	

Ingredients according to Regulation (EC) No 648/2004 and amendments

5-15% anionic surfactants, <5% EDTA and salts thereof

National legislation Belgium

OVENCLEANER FS

No data available

National legislation The Netherlands

OVENCLEANER FS

Waterbezwaarlijkheid	B (4)

National legislation France

OVENCLEANER FS

No data available

National legislation Germany

OVENCLEANER FS

WGK	1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4) and Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) of 18 April 2017

potassium hydroxide

TA-Luft	5.2.1

National legislation United Kingdom

OVENCLEANER FS

No data available

Other relevant data

OVENCLEANER FS

No data available

15.2. Chemical safety assessment

No chemical safety assessment has been conducted for the mixture.

SECTION 16: Other information

Full text of any H-statements referred to under heading 3:

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H332 Harmful if inhaled.

(*)	INTERNAL CLASSIFICATION BY BIG
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC50	Effect Concentration 50 %
ErC50	EC50 in terms of reduction of growth rate
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

Specific concentration limits CLP

potassium hydroxide	C ≥ 5 %	Skin Corr. 1A; H314	CLP Annex VI (ATP 0)
	2 % ≤ C < 5%	Skin Corr. 1B; H314	CLP Annex VI (ATP 0)
	0,5 % ≤ C < 2%	Skin Irrit. 2; H315	CLP Annex VI (ATP 0)
	0,5 % ≤ C < 2 %	Eye Irrit. 2; H319	CLP Annex VI (ATP 0)

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