

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 15.09.2021

Version number 2 (replaces version 1)

Revision: 15.09.2021

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

1.1 Product identifier**Trade name: GRILLOVEN KL****UFI: VF00-SOQD-F004-4JPA****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the mixture: Oven & grill cleaner**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Kalogeropoulos Chemicals S.A.

D. Gounari 35, 185 31

Pireaus, Greece

Tel: +30 2104124518

Fax: +30 2104101607

e-mail: info@kalochem.gr

website: www.kalochem.gr

1.4 Emergency telephone number:

European Emergency Tel.: 112

* **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture**Classification according to Regulation EC No 1272/2008 CLP:**

GHS05 corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:

GHS05

Signal word: Danger**Hazard-determining components of labelling:**

potassium hydroxide

Hexyl-D-Glucoside

alcohols, C9-11, ethoxylated

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Alkyl C12-14 (even numbered), ether, carboxylate
 tetrasodium ethylenediaminetetraacetate
 Propylheptanol ethoxylate

Hazard statements:

H314 Causes severe skin burns and eye damage.

Precautionary statements

P102 Keep out of reach of children.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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 [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Regulation (EC) No 648/2004 on detergents / Labelling for contents

non-ionic surfactants	≥5 - <15%
anionic surfactants, EDTA and salts thereof, phosphates	<5%
preservation agents (BENZISOTHIAZOLINONE)	

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture: consisting of the following components.**Ingredients according Regulation (EU) 2020/878:**

CAS: 1310-58-3 EINECS: 215-181-3 Index number: 019-002-00-8 Reg.nr.: 01-2119487136-33-XXXX	potassium hydroxide ⚠ Met. Corr.1, H290; Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302 Specific concentration limits: Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0.5 % ≤ C < 2 % Eye Irrit. 2; H319: 0.5 % ≤ C < 2 %	≥5-≤10%
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CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3 Reg.nr.: 01-2119457435-35-XXXX	1-methoxy-2-propanol Flam. Liq. 3, H226; STOT SE 3, H336	2.5-10%
CAS: 54549-24-5 EINECS: 259-217-6 Reg.nr.: 01-2119492545-29-XXXX	Hexyl-D-Glucoside Eye Dam. 1, H318	≥1-≤2.5%
CAS: 68439-46-3 EC number: 614-482-0	alcohols, C9-11, ethoxylated Eye Dam. 1, H318	≥1-≤2.5%
CAS: 27306-90-7 EC number: 608-079-9	Alkyl C12-14 (even numbered), ether, carboxylate Eye Dam. 1, H318; Skin Irrit. 2, H315	≥1-≤2.5%
CAS: 64-02-8 EINECS: 200-573-9 Index number: 607-428-00-2 Reg.nr.: 01-2119486762-27-XXXX	tetrasodium ethylenediaminetetraacetate Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315	≥1-≤2.5%
CAS: 10101-89-0 EINECS: 231-509-8 Reg.nr.: 01-2119489800-32-XXXX	Phosphoric acid, trisodium salt, dodecahydrate Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	≤2.5%
CAS: 160875-66-1	Propylheptanol ethoxylate Eye Dam. 1, H318	≥1-≤2.5%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6 Reg.nr.: 01-2120761540-60-XXXX	1,2-benzisothiazol-3(2H)-one Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%

SECTION 4: First aid measures**4.1 Description of first aid measures****General information:**

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

In all cases call a doctor.

After inhalation:

If breathing is difficult, remove to fresh air. Restore breathing. Keep warm and quiet. Notify physician.

In case of respiratory irritation or fainting, seek immediate medical attention.

Seek immediate medical advice.

After skin contact:

Wash the skin immediately with soap and water.

If the product causes burning or chilling, do not remove the clothing as this may aggravate the injury if the garment sticks to the skin. If blisters are formed on the skin, they should never be removed because the risk of contamination will increase.

Remove contaminated clothing and shoes.

If skin irritation continues, consult a doctor.

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After eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses.

Continue to rinse for at least 10 minutes.

Get medical attention if irritation occurs.

Avoid strong water jet-risk of cornea damage, consult a doctor.

After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray.

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters**Protective equipment:**

During fire-fighting wear suitable respiratory device (SCBA) with a full face-piece operated in positive pressure mode.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

Avoid contact with the skin, eyes and clothing.

Ensure adequate ventilation.

Avoid inhalation of vapors.

6.1.1 For non-emergency personnel Avoid contact with dripping or leaking material

6.1.2 For emergency responders

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Open and handle receptacle with care.
 Avoid contact with skin, eyes and clothing.
 Ensure good ventilation.
 Wash your hands and face after using the product.
 Do not eat, drink or smoke at the workplace.
 Do not breath vapours

Information about fire - and explosion protection: No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage:** Store in cool, dry conditions in well sealed receptacles.**Requirements to be met by storerooms and receptacles:** Store in a cool location.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Keep container tightly sealed.
 Store under lock and key and out of the reach of children.

7.3 Specific end use(s) No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****CAS: 1310-58-3 potassium hydroxide**WEL (Great Britain) Short-term value: 2 mg/m³**CAS: 107-98-2 1-methoxy-2-propanol**WEL (Great Britain) Short-term value: 560 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm
SkIOELV (EU) Short-term value: 568 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm
Skin**CAS: 57-55-6 Propane-1,2-diol**WEL (Great Britain) Long-term value: 474* 10** mg/m³, 150* ppm
*total vapour and particulates **particulates**DNELs**

(CAS: 1310-58-3) potassium hydroxide

Worker: 1 mg/m³ - Report: For human inhalation medium - frequency: Long term, systemic effectsConsumer: 1 mg/m³ - Report: For human inhalation medium - frequency: Long term, systemic effects

(CAS: 107-98-2) 1-Methoxy-2-propanol

workers:

Short-term exposure - local effects, Inhalation: 553.5 mg/m³

Long-term exposure - systemic effects, Dermal: 50.6 mg/kg

Long-term exposure - systemic effects, Inhalation: 369 mg/m³

Consumers:

Long-term exposure - systemic effects, Dermal: 18.1 mg/kg

Long-term exposure - systemic effects, Inhalation: 43.9 mg/m³

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Long-term exposure - systemic effects, oral: 3.3 mg/kg
 Phosphoric acid, trisodium trihydrate CasNo: 10101-89-0.
 workers:

Inhalation - Long-term systemic effect: 4.07 mg/m³.

Consumers:

Inhalation - Long-term systemic effect: 3.04 mg/m³.

(CAS: 64-02-8) Tetrasodium ethylenediaminetetraacetate

Workers

Long-term exposure, systemic and local effects by inhalation: 2.5 mg/m³

Short-term exposure, systemic and local effects, by inhalation: 2.5 mg/m³

Consumers

Long-term exposure, systemic and local effects by inhalation: 1.5 mg/m³

Short-term exposure, systemic and local effects by inhalation: 1.5 mg/m³

Long-term exposure, systemic and local effects, oral: 25 mg/kg bw/d

(CAS: 2634-33-5) 1,2-Benzisothiazol-3 (2H) -one

Workers, Inhalation, Long-term - systemic effects, 6,81 mg/m³

Workers, Skin, Long-term - systemic effects, 0,966 mg/kg

(CAS: 54549-24-5) | Hexyl-D-Glucoside

Workers:

Dermal - Long-term systemic effect: 595000 mg/kg bw/d

Inhalation - Long-term systemic effect: 420 mg/m³

Consumers:

Dermal - Long-term systemic effect: 357000 mg/kg bw/d

Inhalation - Long-term systemic effect: 124 mg/m³

Ingestion - Long-term systemic effect: 35.7 mg/kg bw/d

PNECs

(CAS: 107-98-2) 1-Methoxy-2-propanol

Fresh water: 10 mg/l

Marinewater: 1 mg/l

Intermittent releases: 100 mg/l

STP: 100 mg/l

Fresh water sediment: 52.3 mg/kg

Marinewater sediment: 5.2 mg/kg

Soil: 5.49 mg/kg d.w.

intermittent release: 100 mg/l

Phosphoric acid, trisodium trihydrate CasNo: 10101-89-0.

PNEC Fresh water: 0.005 mg/l.

PNEC Intermittent releases: 0.5 mg/l.

PNEC STP: 50 mg/l.

(CAS: 2634-33-5) 1,2-benzisothiazol-3 (2H)-one

Fresh water 4.03 mg/l

Seawater 0.403 mg/l

Freshwater sediment 49.9 mg/l

Marine sediment 4.99 mg/l

Intermittent release 1.1 mg/l

Sewage treatment plant 1.03 mg/l

Soil 3 mg/kg/d

(CAS: 64-02-8) Tetrasodium ethylenediaminetetraacetate

Fresh water: 2.2 mg/l

Marine water: 0.22 mg/l

Intermittent releases: 1.2 mg/l

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Soil: 0.72 mg/kg
 Sewage treatment plant: 43 mg/l
 (CAS: 54549-24-5) | Hexyl-D-Glucoside
 Fresh water: 0.176 mg/l
 Marine water: 0.018 mg/l
 Sewage treatment plant: 100 mg/l
 Fresh water sediment: 0.722 mg/kg dw
 Marine water sediment: 0.072 mg/kg dw
 Soil: 0.654 mg/kg dw

DNEL Workers Long term exposure systemic effects

1-methoxypropan-2-ol
 Inhalation: 369 mg / m³
 After skin contact: 183 mg / kg bw / day

DNEL Consumers Long-term exposure systemic effects

1-methoxypropan-2-ol
 Inhalation: 43.9 mg / m³
 After skin contact: 78 mg / kg bw / day
 After ingestion: 33 mg / kg bw / day

8.2 Exposure controls**8.2.1. Appropriate engineering controls**

Take appropriate protective measures with regard to the handling of chemicals and mixtures.

Individual protection measures, such as personal protective equipment**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
 Do not eat, drink or smoke while using the product.
 Avoid contact with the eyes and skin.
 Take off contaminated clothing and wash before reuse.
 Wash hands before breaks and at the end of work.

Respiratory protection:

If worker exposure is likely to exceed work exposure levels, wear a respiratory conforming to EN 140 with type A/P2 filter or better.

Hand protection

Wear suitable gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye/face protection

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Chemically resistant, protective work clothing (EN 14605) and boots.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information**

Physical state	Liquid
Colour:	Transparent light brown
Odour:	Characteristic
Odour threshold:	Not determined
Flammability	Not applicable
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not Flammable
Auto-ignition temperature:	Product is not selfigniting.
Decomposition temperature:	Not determined
pH at 20 °C	>13
Viscosity:	
Kinematic viscosity	Not determined
Kinematic viscosity	
Dynamic:	Not determined
Solubility	
water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density	
Density at 25 °C:	1.08-1.1 g/cm ³
Relative density	Not determined
Vapour density	Not determined

9.2 Other information

Appearance:	
Form:	Liquid

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Important information on protection of health and environment, and on safety.

Auto-ignition temperature:	Not determined
Explosive properties:	Product does not present an explosion hazard.
Cloud point / clarification point:	
Oxidising properties	Not considered as oxidising.
Evaporation rate	Not determined

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity**10.1 Reactivity** Stable under normal conditions**10.2 Chemical stability** Material is stable under normal conditions.**Thermal decomposition / conditions to be avoided** Stable at environment temperature.**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** Avoid heat, sparkles, naked flame or other sources of ignition.**10.5 Incompatible materials** No further relevant information available.**10.6 Hazardous decomposition products** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****ATE (Acute Toxicity Estimates)**

Oral	LD50	3,648 mg/kg (rat)
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CAS: 1310-58-3 potassium hydroxide

Oral	LD50	273 mg/kg (rat)
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CAS: 107-98-2 1-methoxy-2-propanol

Oral	LD50	4,016 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate

Oral	LD50	1,780 mg/kg (rat)
Inhalative	LC50/4 h (vapour)	<5,000 mg/l (rat)

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	LD50	1,020 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

Skin corrosion/irritation Causes severe skin burns and eye damage.**Serious eye damage/irritation** Causes serious eye damage.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**Additional toxicological information:****Repeated dose toxicity** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:**

Propane-1,2-diol cas number: 57-55-6

LC50 Oncorhynchus mykiss, 96 h: 40.613 mg/l

LC50 Ceriodaphnia dubia, 48 h: 18.340 mg/l

LC50 Mysidopsis bahia, 96 h: 18.800 mg/l

ErC50 Selenastrum capricornutum, 96 h: 19.000 mg/l

ErC50 Skeletonema costatum, 96 h: 19.100 mg/l

Long-term toxicity to aquatic invertebrates

NOEC (7 days) 13.02 - 29 g/L

Toxicity to microorganisms

EC10 or NOEC for microorganisms 20 g/L

CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate

EC50 (72h)	>300 mg/l (algae) (Freshwater Alga and Cyanobacteria, Grow Inhibition)
EC50 (48h)	140 mg/l (Daphnia magna)
LC50 (96h)	>1,000 mg/l (Lepomis macrochirus (Bluegill))

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NOEC (21d)	25 mg/l (Daphnia) ≥25.7 mg/l (fis)
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CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

EC50 (72h)	0.15 mg/l (sec)
EC50 (48h)	1.1 mg/l (daphnia magna)
LC50 (96h)	1.6 mg/l (Oncorhynchus mykiss)

12.2 Persistence and degradability

C9-11 Ethoxylated Eto-8 Alcohol (Cas Nr 68439-46-3)

> 80% (15d) OECD 302B

86 % (28d) OECD 301E

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.**12.7 Other adverse effects****Additional ecological information:****General notes:**

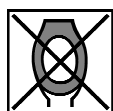
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Recommendation**

Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

Uncleaned packaging:**Recommendation:**

Disposal must be made according to official regulations.

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Packaging may be reused or recycled after cleaning.

SECTION 14: Transport information
14.1 UN number or ID number
ADR, IMDG, IATA

UN1760

14.2 UN proper shipping name
ADR

1760 CORROSIVE LIQUID, N.O.S. (POTASSIUM HYDROXIDE)

IMDG, IATA

CORROSIVE LIQUID, N.O.S. (POTASSIUM HYDROXIDE)

14.3 Transport hazard class(es)**ADR, IMDG, IATA****Class**

8 Corrosive substances.

Label

8

14.4 Packing group
ADR, IMDG, IATA

I

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user
Hazard identification number (Kemler code):
EMS Number:

Warning: Corrosive substances.

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F-A,S-B

14.7 Maritime transport in bulk according to IMO
instruments

Not applicable.

Transport/Additional information:**ADR****Limited quantities (LQ)**

0

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

Transport category

1

Tunnel restriction code

E

IMDG**Limited quantities (LQ)**

0

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

UN "Model Regulation":

UN 1760 CORROSIVE LIQUID, N.O.S. (POTASSIUM HYDROXIDE), 8, I

GB

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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as amended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

Directive 2012/18/EU**Named dangerous substances - ANNEX I** Does not contain named substances.**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**National regulations:****Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.


H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

Training hints

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

Department issuing SDS:

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Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

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Version number of previous version: 1**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Met. Corr.1: Corrosive to metals – Category 1

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

*** Data compared to the previous version altered.**

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