

SAFETY DATA SHEET

Kerfisofnahreinsir

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued	23.09.2014
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1.1. Product identifier

Product name	Kerfisofnahreinsir
Article no.	1040004, 1040006

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

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

1.3. Details of the supplier of the safety data sheet

Company name	Tandur h.f.
Office address	Hestháls 12
Postcode	110
City	Reykjavík
Country	ICELAND
Telephone number	00354 510 1200
Email	tandur@tandur.is
Website	www.tandur.is

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: EMERGENCY#
	Telephone number: (+354)-543-2222 Description: POISON CENTER

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC	C
	R35
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Corr 1A; H314

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Sodium hydroxide 5 - 15 % wt/wt
Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage.
Precautionary statements	P280 Wear protective gloves/protective clothing/eye protection/face protection. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P309 + P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

2.3. Other hazards

PBT / vPvB	This product does not contain any PBT or vPvB substances.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Sodium hydroxide	CAS No.: 1310-73-2 EC No.: 215-185-5 Index No.: 011-002-00-6 Synonyms for section 3: Caustic soda, Lye, Soda lye, Sodium hydrate	C; R35 Skin Corr 1A; H314 Met. Corr. 1; H290	5 - 15 % wt/wt
Sodium metasilicate pentahydrate	CAS No.: 10213-79-3 EC No.: 2299129 REACH Reg. No.: 01-2119449811-37 Synonyms for section 3: Sodium metasilicate pentahydrate	Skin Corr 1B Eye Dam. 1 Met. Corr. 1	1 - 5 % wt/wt
Tetrasodium Ethylene	CAS No.: 64-02-8	Xn; R22	1 - 5 % wt/wt

Diamine Tetraacetate	EC No.: 200-573-9 Index No.: 607-428-00-2	Xi; R41 Acute tox. 4; H302 Eye Dam. 1; H318	
Isotridecanoethoxylate	REACH Reg. No.: 02-2119552461-55-0000 Synonyms for section 3: Isotridecanoethoxylate	Xn; R22, R41 Acute tox. 4; H302 Eye Dam. 1; H318	1 - 5 % wt/wt
Alcohols, C12-14, ethoxylated sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8	Xi; R38, R41 Eye Dam. 1; H318 Skin Irrit. 2; H315	1 - 5 % wt/wt
Amines, C12-14-Alkyldimethyl, N-Oxides	CAS No.: 308062-28-4 EC No.: 931-292-6 Synonyms for section 3: Amines, C12-14-Alkyldimethyl, N-Oxides	Xi; R38, R41 N; R50 Eye Dam. 1; H318 Aquatic Acute 1; H400 Skin Irrit. 2; H315	0 - 1 % wt/wt

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Call a POISON CENTER or doctor/physician if you feel unwell. Show this SDS.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Skin contact	Flush skin thoroughly with water. Take off contaminated clothing and wash before reuse. Get immediate medical advice/attention.
Eye contact	Promptly wash eyes with plenty of water while lifting the eye lids. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. Continue flushing during transport to hospital.
Ingestion	Rinse mouth thoroughly. Drink a few glasses of water or milk. Get immediate medical advice/attention.
Recommended personal protective equipment for first aid responders	Wear protective gloves / protective clothing / eye protection / face protection. See further section 8.2

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

Information for health personnel	CORROSIVE PRODUCT: Contains CAUSTIC SODA
Acute symptoms and effects	Causes severe skin burns and eye damage See further section 11.1 under "Potential Acute Effects"

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Fire and explosion hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Not known.

5.3. Advice for firefighters

Personal protective equipment	Wear respiratory protection. Wear protective gloves / protective clothing / eye protection / face protection.
Fire fighting procedures	Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Stop leak if safe to do so.
Personal protection measures	Wear protective gloves / protective clothing / eye protection / face protection.
Hazardous combustion products	Not known.

6.1.2. For emergency responders

For emergency responders	Wear protective clothing as described in Section 8 of this safety data sheet. Call a POISON CENTER or doctor/physician if you feel unwell.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid release to the environment. Collect and dispose of spillage as indicated in section 13.
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6.3. Methods and material for containment and cleaning up

Containment	Store in a closed container.
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6.4. Reference to other sections

Other instructions	See section 8 and 13 for further details.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide easy access to water supply and eye wash facilities.
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Protective safety measures

Preventitive measures to protect the environment	Prevent the product to reach sewage water or drainage system undiluted or unneutralized. Collect spillage if possible.
Advice on general occupational hygiene	Private clothes and working clothes should be kept separately.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Alkalies. Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs. Keep containers tightly closed. Keep in original container. Store
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protected from acids.

Conditions for safe storage

Technical measures and storage conditions	Alkalis.
Requirements for storage rooms and vessels	Keep only in original container.
Advice on storage compatability	Alkalis.
Storage temperature	Value: ~ 20 °C

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Sodium hydroxide	CAS No.: 1310-73-2 EC No.: 215-185-5 Index No.: 011-002-00-6 Synonyms for section 3: Caustic soda, Lye, Soda lye, Sodium hydrate	Limit value (short term) Value: 2 mg/m ³	TWA Year: 2011
Sodium metasilicate pentahydrate	CAS No.: 10213-79-3 EC No.: 2299129 REACH Reg. No.: 01-2119449811-37 Synonyms for section 3: Sodium metasilicate pentahydrate		
Tetrasodium Ethylene Diamine Tetraacetate	CAS No.: 64-02-8 EC No.: 200-573-9 Index No.: 607-428-00-2		
Isotridecanoethoxylate	REACH Reg. No.: 02-2119552461-55-0000 Synonyms for section 3: Isotridecanoethoxylate		
Alcohols, C12-14, ethoxylated sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8		
Amines, C12-14-Alkyldimethyl, N-Oxides	CAS No.: 308062-28-4 EC No.: 931-292-6 Synonyms for section 3: Amines, C12-14-Alkyldimethyl, N-Oxides		
Substance	Sodium hydroxide		
DNEL	Group: Worker Route of exposure: Long term (repeated) - Inhalation - Local effect Value: 1 mg/m ³		

	<p>Group: Consumer Route of exposure: Long term (repeated) - Inhalation - Local effect Value: 1 mg/m³</p> <p>Group: Consumer Route of exposure: Short term (acute) - Dermal - Local effect Value: 2%</p> <p>Group: Worker Route of exposure: Short term (acute) - Dermal - Local effect Value: 2%</p>
	Substance
	Sodium metasilicate pentahydrate
DNEL	<p>Group: Worker Route of exposure: Long term (repeated) - Inhalation - Systemic effect Value: 6,22 mg/m³</p> <p>Group: Consumer Route of exposure: Long term (repeated) - Inhalation - Systemic effect Value: 1,55 mg/m³</p> <p>Group: Worker Route of exposure: Long term (repeated) - Dermal - Systemic effect Value: 1,49 mg/kg bw/d</p> <p>Group: Consumer Route of exposure: Long term (repeated) - Oral - Systemic effect Value: 0,74 mg/kg bw/d</p> <p>Group: Consumer Route of exposure: Long term (repeated) - Dermal - Systemic effect Value: 0,74 mg/kg bw/d</p>
	PNEC
	<p>Route of exposure: Sewage treatment plant STP Value: 1000 mg/l</p> <p>Route of exposure: Water Value: 1 mg/l Reference: Marine water</p> <p>Route of exposure: Water Value: 7,5 mg/l Reference: Fresh water</p>
	Substance
	Tetrasodium Ethylene Diamine Tetraacetate
	<p>Group: Consumer Route of exposure: Long term (repeated) - Oral - Systemic effect Value: 25 mg/kg</p> <p>Group: Worker Route of exposure: Short term (acute) - Inhalation - Local effect Value: 2,5 mg/m³</p> <p>Group: Worker Route of exposure: Short term (acute) - Inhalation - Systemic effect Value: 2,5 mg/m³</p>
	DNEL

PNEC	Group: Consumer Route of exposure: Short term (acute) - Inhalation - Systemic effect Value: 1,5 mg/m ³
	Route of exposure: Sewage treatment plant STP Value: 43 mg/l
	Route of exposure: Soil Value: 0,72 mg/kg
Substance	Amines, C12-14-Alkyldimethyl, N-Oxides
DNEL	Group: Consumer Route of exposure: Long term (repeated) - Inhalation - Systemic effect Value: 3,8 mg/m ³
	Group: Worker Route of exposure: Long term (repeated) - Dermal - Systemic effect Value: 11 mg/kg/day
	Group: Worker Route of exposure: Long term (repeated) - Inhalation - Systemic effect Value: 15,5 mg/m ³ 8h
	Group: Consumer Route of exposure: Long term (repeated) - Oral - Systemic effect Value: 0,44 mg/kg/day
	Group: Consumer Route of exposure: Long term (repeated) - Dermal - Systemic effect Value: 5,5 mg/kg/day
	Route of exposure: Water Value: 0,0335 mg/l Reference: Freshwater
PNEC	Route of exposure: Sewage treatment plant STP Value: 24 mg/kg
	Route of exposure: Water Value: 0,00335 mg/l Reference: Marine water
	Route of exposure: Sediment Value: 5,24 mg/kg Reference: Fresh water
	Route of exposure: Sediment Value: 0,524 mg/kg Reference: Marine water
	Route of exposure: Soil Value: 1,02 mg/kg

8.2. Exposure controls

Limitation of exposure on workplace	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective
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equipment. Protective gloves and goggles are recommended. An eye wash bottle must be available at the work site.

Safety signs



Precautionary measures to prevent exposure

Instruction on measures to prevent exposure	Secure access of workers to safety information.
Organisational measures to prevent exposure	Avoid direct contact and/or splashes where possible. Train personnel.
Technical measures to prevent exposure	Where possible: use through foam systems and cover open containers. Use safety glasses/goggles and protective clothing.

Respiratory protection

Respiratory protection	Under normal conditions of use respiration protection should not be required. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P2).
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Hand protection

Hand protection	Chemical resistant gloves required for prolonged or repeated contact.
Skin- / hand protection, short term contact	Nitril rubber: Penetration time: ≥ 30 min Material thickness: $\geq 0,4$ mm
Skin- / hand protection, long term contact	Butylrubber: Penetration time: ≥ 480 min Material thickness: $\geq 0,7$ mm
Suitable gloves type	Butyl rubber. Nitrile. Chloroprene rubber. Polyvinyl chloride (PVC). Rubber (natural, latex).
Reference to relevant standard	Chemical-resistant protective gloves (EN 374).
Thickness of glove material	Value: $\geq 0,4$ mm

Eye / face protection

Eye protection	Use approved safety glasses, goggles or face shield. Safety glasses should have side shields.
Suitable eye protection	Safety glasses should have side shields.
Reference to relevant standard	EN 166
Additional eye protection measures	Provide easy access to water supply and eye wash facilities.

Skin protection

Skin protection (except hands)	Wear suitable protective clothing as protection against splashing or contamination.
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Appropriate environmental exposure control

Environmental exposure controls	Should not reach sewage or drainage system undiluted or unneutralized.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Clear liquid.
Colour	Colourless.
Odour	Characteristic.
pH	Status: In delivery state Value: > 12,5 Temperature: ~ 20 °C
Relative density	Value: = 1,14 g/ml Temperature: ~ 20 °C
Solubility in water	Fully miscible.

9.2. Other information

Physical hazards

Metal corrosion	Corrosive to aluminium and other light metals.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	<p>Reactivity issues of concern are mainly due to the caustic soda content of the mixture. Caustic soda is a highly reactive substance. It is corrosive on live tissue. It corrodes light metals such as aluminium, releasing hydrogen gas as a byproduct. It may also damage certain types of surface material such as some different floor types. These effects of caustic soda become less and less significant as the mixture is diluted with water.</p> <p>If the mixture is stored and used as recommended there should be no danger due to its reactivity.</p>
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10.2. Chemical stability

Stability	The mixture is stable under normal storage and use conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions known under normal storage and use conditions.
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10.4. Conditions to avoid

Conditions to avoid	May attack light-alloy metals and liberate hydrogen gas. The solution is strongly alkaline and reacts with strong acids with heat generation.
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10.5. Incompatible materials

Materials to avoid

Acid reactive. Will corrode copper, zinc, aluminium and their alloys.

10.6. Hazardous decomposition products

Hazardous decomposition products

No hazardous decomposition products.

SECTION 11: Toxicological information

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

Toxicological data for substances

Substance	Sodium hydroxide
Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: = 1350 mg/kg Animal test species: Rat Test reference: Method not given</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: = 1350 mg/kg Animal test species: Rabbit Test reference: Method not given</p> <p>Type of toxicity: Acute Effect tested: LC50 Route of exposure: Inhalation. Value: = 4800 mg/l Animal test species: Mouse Test reference: Method not given</p>
Inhalation	Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Dust is corrosive.
Skin contact	Corrosive. Burning pain and severe corrosive skin damage.
Eye contact	Risk of serious damage to eyes.
Ingestion	Causes severe burns.
Mutagenicity	No data recorded.
Carcinogenicity, other information	No data recorded.
Reproductive toxicity	No data recorded.
Substance	Sodium metasilicate pentahydrate
Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: ~ 1152-1349 mg/kg bw Animal test species: Rat</p> <p>Type of toxicity: Acute</p>

	Effect tested: LC50 Route of exposure: Inhalation. Value: > 2,06 g/m3
	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 5000 mg/kg bw
Substance	Tetrasodium Ethylene Diamine Tetraacetate
Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: ≥ 1780 mg/kg Animal test species: Rat Test reference: Non guideline test
	Type of toxicity: Acute Effect tested: LC50 Route of exposure: Inhalation. Duration: 6 h Value: ≥ 1 mg/l Animal test species: Rat Test reference: OECD 403 (EU.B.2)
Inhalation	No data recorded.
Skin contact	Not Irritating.
Eye contact	Causes serious eye damage.
Mutagenicity	No known chronic or acute health risks.
Carcinogenicity, other information	This substance has no evidence of carcinogenic properties.
General respiratory or skin sensitisation	None. Guinea pig. OECD 406 (EU B.6)/GPMT
Substance	Isotridecanoethoxylate
Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: ~ 500-2000 mg/kg Animal test species: Rat Test reference: OECD guideline 423
Skin contact	Not Irritating. OECD guideline 404
Eye contact	Irritating. OECD guideline 405
Substance	Alcohols, C12-14, ethoxylated sulfates, sodium salts
Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: ~ 4000 mg/kg Animal test species: Rat
Substance	Amines, C12-14-Alkyldimethyl, N-Oxides

Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: = 1064 mg/kg Animal test species: Rat
Inhalation	Symptoms like headache, fatigue and nausea may appear.
Skin contact	Liquid may irritate skin.
Eye contact	Causes serious eye damage.
Ingestion	Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.
Mutagenicity	Data lacking.
Carcinogenicity, other information	No data recorded.
Reproductive toxicity	Data lacking.

Potential acute effects

Inhalation	Irritating to respiratory system.
Skin contact	Causes severe burns.
Eye contact	Highly Corrosive. Risk of serious damage to eyes. Immediate first aid is necessary.
Ingestion	Corrosive. Even small amounts may cause serious damage.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity, other information	No information or data available on mixture. However, there is no evidence of carcinogenicity on individual substances in the mixture.
Mutagenicity	No information available on mixture. However, studies have not shown any indication of mutagenicity of individual substances in the mixture.
Reproductive toxicity	No information or data available on mixture. However, studies have not shown any indication of reproductive toxicity for individual substances in the mixture.

Symptoms of exposure

Comments	See 4.1
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SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Substance	Sodium hydroxide
Aquatic toxicity, fish	Value: = 196 mg/l Test duration: 96 h Species: Various species
Aquatic toxicity, algae	Value: = 22 mg/l Test duration: 0,25 h

	Species: Photobacterium phsophoreum Method: Method not given
Aquatic toxicity, crustacean	Value: = 40,4 mg/l Test duration: 48 h
Substance	Sodium metasilicate pentahydrate
Aquatic toxicity, fish	Value: = 210 mg/l Test duration: 96 h Species: Brachydanio rerio
Aquatic toxicity, crustacean	Value: = 1700 mg/l Test duration: 48 h Species: Daphnia magna
PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
Substance	Tetrasodium Ethylene Diamine Tetraacetate
Aquatic toxicity, fish	Value: > 100 mg/l Test duration: 96 h Species: Lepomis macrochirus Method: OPP 72-1, static (EPA)
Aquatic toxicity, algae	Value: > 100 mg/l Test duration: 72 h Species: Scenedesmus obliquus Method: 88/302/EEC, Part C static
PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
Substance	Isotridecanoethoxylate
Aquatic toxicity, fish	Value: ~ 1 - 10 mg/l Species: Leuciscus idus
Aquatic toxicity, algae	Value: ~ 1 - 10 mg/l Test duration: 72 h
Aquatic toxicity, crustacean	Value: ~ 1 - 10 mg/l Test duration: 48 h
PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
Substance	Alcohols, C12-14, ethoxylated sulfates, sodium salts
Aquatic toxicity, fish	Value: 1 - 10 mg/l Test duration: 96 h Method: LC50
Aquatic toxicity, algae	Value: 10 - 100 mg/l Test duration: 72 h Method: LC50
Aquatic toxicity, crustacean	Value: 1 - 10 mg/l Test duration: 48 h Species: Daphnia Method: EC50
Substance	Amines, C12-14-Alkyldimethyl, N-Oxides
Aquatic toxicity, fish	Value: = 2,67 mg/l Test duration: 96 h

Aquatic toxicity, algae	Value: = 0,143 mg/l Test duration: 72 H
Aquatic toxicity, crustacean	Value: = 3,1 mg/l Test duration: 48 H
PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
Persistence and degradability, comments	No information available on mixture. However, individual substances are all classified as readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances that are bioaccumulating. Therefore, the mixture is not expected to be bioaccumulating.
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12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT assessment results	No data available on mixture. Contains no PBT or vPvB substances. See section 2.3
vPvB evaluation results	No data available on mixture. Contains no PBT or vPvB substances. See section 2.3

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Avoid release to the environment. Dispose of waste and residues in accordance with local authority requirements.
Relevant waste regulation	Regulation no. 737/2003
Hazardous waste product	Avoid release to the environment.
Hazardous waste packing	Avoid release to the environment.
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	Yes
EWC waste code	EWC: 060204 sodium and potassium hydroxide
National regulations	Regulation 184/2002 Regulation 786/1999
Other information	Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

ADR/RID/ADN	1824
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IMDG	1824
ICAO/IATA	1824

14.2. UN proper shipping name

ADR/RID/ADN	SODIUM HYDROXIDE SOLUTION
IMDG	SODIUM HYDROXIDE SOLUTION
ICAO/IATA	SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

ADR/RID/ADN	8
Hazard No.	80
RID	8
IMDG	8
ICAO/IATA	8

14.4. Packing group

RID	II
IMDG	II
ICAO/IATA	II

14.5. Environmental hazards

IMDG Marine pollutant	No
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14.6. Special precautions for user

EmS	F-A, S-B
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14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Legislation and regulations	<p>This safety datasheet is in compliance with the following EU legislation and its adaptations - as far as applicable:</p> <p>Regulation 1907/2006 and later 750/2008 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Amendments on Annex II of the REACH regulation with EU regulation 453/2010.</p> <p>Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures which replaces EU legislations 67/548/EEC of 1999/45/EEC and changes regulation No. 1907/2006.</p>
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15.2. Chemical safety assessment

Chemical safety assessment
performed

No

SECTION 16: Other information

Hazard symbol



R-phrases

R35 Causes severe burns.

S-phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

Skin Corr 1A; H314;

List of relevant R-phrases (under
headings 2 and 3).

R38 Irritating to skin.
R50 Very toxic to aquatic organisms.
R35 Causes severe burns.
R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.

List of relevant H-phrases (Section
2 and 3)

H318 Causes Serious eye damage.
H302 Harmful if swallowed.
H290 May be corrosive to metals.
H400 Very toxic to aquatic life.
H315 Causes skin irritation.
H314 Causes severe skin burns and eye damage.

Abbreviations and acronyms used

CLP: Classification, labelling and packaging
GHS: Globally Harmonized System.
DNEL: Derived No Effect Limit (afleidd áhrifaleysismörk).
PBT: Persistent, Bioaccumulative and Toxic
PNEC: Predicted No Effect Concentration
vPvB: Very Persistent and very Bioaccumulative
REACH: Registration, Evaluation, Authorization and Restriction of Chemicals.

Prepared by

Birgir Gudmundsson (Ph.D, chemistry); birgir@tandur.is