

SAFETY DATA SHEET**Bekja**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	24.09.2014
Revision date	30.04.2021

1.1. Product identifier

Product name	Bekja
Article no.	1004024

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

Use of the substance / mixture	Cleaning agent.
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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: POISON CENTER EMERGENCY# Telephone number: (+354)-543-2222 Description: POISON CENTER EMERGENCY#
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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

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

Eye Irrit. 2; H319

2.2. Label elements

Hazard pictograms (CLP)



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	P264 Wash hands thoroughly after handling. P280 Wear eye protection and protective gloves. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice / attention.

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	Notes
C6 Alkyl glucoside	CAS No.: 54549-24-5 EC No.: 259-217-6 REACH Reg. No.: 01-2119492545-29	Eye Dam. 1; H318	1 - 5 % 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	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Skin contact	If skin irritation occurs: Get medical advice/attention.
Eye contact	Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately!
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	Sjá nánar lið 8.2

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

Acute symptoms and effects	See further section 11.1 under "Potential Acute Effects"
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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.
Hazardous combustion products	Not known.

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

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.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep away from food, drink and animal feeding stuffs.
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Conditions for safe storage

Requirements for storage rooms and vessels	Store in original container.
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7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
C6 Alkyl glucoside	CAS No.: 54549-24-5		

DNEL / PNEC

Substance	C6 Alkyl glucoside
DNEL	<p>Group: Professional Route of exposure: Long term (repeated) - Inhalation - Systemic effect Value: 420 mg/m³</p> <p>Group: Consumer Route of exposure: Long term (repeated) - Oral - Systemic effect Value: 35,7 mg/kg bw/day</p> <p>Group: Consumer Route of exposure: Long term (repeated) - Inhalation - Systemic effect Value: 124 mg/m³</p> <p>Group: Professional Route of exposure: Long term (repeated) - Dermal - Systemic effect Value: 595000 mg/kg bw/day</p> <p>Group: Consumer Route of exposure: Long term (repeated) - Dermal - Systemic effect Value: 357000 mg/kg bw/day</p>
PNEC	<p>Route of exposure: Water Value: 0,01 mg/l Reference: Marine water</p> <p>Route of exposure: Soil Value: 0,654 mg/kg dry weight</p> <p>Route of exposure: Sediment Value: 0,0410 mg/day dry weight Reference: Fresh water sediment Marine sediment</p> <p>Route of exposure: Sediment Value: 0,410 mg/kg dry weight Reference: Fresh water sediment</p> <p>Route of exposure: Sewage treatment plant STP Value: 100 mg/l</p>

Route of exposure: Water
Value: 0,1 mg/l
Reference: Fresh water

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Instruction on measures to prevent exposure

Secure access of workers to safety information.

Eye / face protection

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hand protection

Hand protection

Protective gloves are recommended.

Respiratory protection

Respiratory protection

Under normal conditions of use respiration protection should not be required.

Appropriate environmental exposure control

Environmental exposure controls

Should not reach sewage or drainage system undiluted or unneutralized.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Clear liquid.
Colour	Clear
Odour	Almost odourless.
pH	Value: ~ 10 -11 Temperature: ~ 20 °C
Density	Value: 1,08 g/ml Temperature: 20 °C
Solubility in water	Fully miscible.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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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	None known under normal storage and use conditions.
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10.5. Incompatible materials

Materials to avoid	None in particular.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No hazardous decomposition products.
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SECTION 11: Toxicological information

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

Other information regarding health hazards

Inhalation	Not known.
Skin contact	Irritation is unlikely under normal use of the product.
Eye contact	May irritate and cause redness and pain.
Ingestion	May irritate and cause malaise.
Mutagenicity	No information available on mixture. However, studies have not shown any indication of mutagenicity of individual substances in the mixture.
Carcinogenicity, other information	No information or data available on mixture. However, there is no evidence of carcinogenicity on 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.

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

Substance	C6 Alkyl glucoside
Aquatic toxicity, fish	Value: > 100 mg/l Test duration: 96 h

Substance	C6 Alkyl glucoside
Aquatic toxicity, algae	Value: > 100 Test duration: 72 h
Substance	C6 Alkyl glucoside
Aquatic toxicity, crustacean	Value: > 100 mg/l Test duration: 48 h Species: Daphnia magna (Water flea) Comments: The value is estimated from tests on similar products.

12.2. Persistence and degradability

Persistence and degradability, comments	No information available on mixture. However, individual substances are all classified as readily biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Bioaccumulation: Is not expected to be bioaccumulable.
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12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
Substance	C6 Alkyl glucoside
PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.

12.6. Endocrine disrupting properties

12.7. 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	No
Packaging classified as hazardous waste	No
EWC waste code	EWC: 070601 aqueous washing liquids and mother liquors
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

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
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15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H318 Causes serious eye damage. H319 Causes serious eye irritation.
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.
Information added, deleted or revised	30.4.2021: Section 2: Hazard statement added along with applicable precautionary statements. Section 3: Name of ingredient changed. section 8: Appropriate protective equipment added.
Revision responsible	Alfred Aðalsteinsson (M.Sc. Chemistry); email: alfred@tandur.is

Version	5
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