

# Safety Data Sheet

## Solid brown soap

Version: 1.0.0

### SECTION 1: Identification of the substance/preparation and of the company/undertaking

#### 1.1. Product identifier

**Trade name:** Solid brown soap**Unique Formula Identifier (UFI):** M300-W0XJ-300N-G6V4

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

**Recommended uses:** Soap Cleaning agent**PC:** Washing and cleaning products (PC35)**TF:** Reactive cleaning/removal agent**LCS:** Consumer use (C) Widespread use by professional workers (PW)

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

**Company:** Bollerup Jensen Retail A/S  
**Address:** Bindsbølvej 16-20, Ådum  
**Zip code:** 6880  
**City:** Tarm  
**Country:** DENMARK  
**E-mail:** info@bollerup-jensen.dk  
**Phone:** +45 9737 6033  
**Homepage:** www.bollerupjensen.dk

#### 1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**CLP-classification:** Skin Irrit. 2;H315 Eye Irrit. 2;H319**Most serious harmful effects:** Causes skin irritation. Causes serious eye irritation. May cause slight irritation to the skin and eyes.

#### 2.2. Label elements

##### Pictograms

**Signal word:** Warning

##### H-phrases

H315 Causes skin irritation.

H319 Causes serious eye irritation.

##### P-phrases

P101 If medical advice is needed, have product container or label at hand.

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P102	Keep out of reach of children.
P280	Wear protective glove/eye protection.
P302+352	IF ON SKIN: Wash with plenty of water
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container in accordance with local regulations.

### Supplemental information

Safety data sheet available for professional users on request.

### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Soaps, Potassium	8046-74-0	617-080-3		25 - 50%		
potassium hydroxide	1310-58-3	215-181-3		0 - 2%		Acute Tox. 4;H302 Skin Corr. 1A;H314

Please see section 16 for the full text of H-phrases.

**Ingredient comments:** Contains: soap 30% and more:

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation:</b>	Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Do not induce vomiting. Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
<b>Skin contact:</b>	Wash the skin with water.
<b>Eye contact:</b>	Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
<b>General:</b>	When obtaining medical advice, show the safety data sheet or label.

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

May cause eye irritation. Irritating to skin - may cause reddening.

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

Treat symptoms.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** The product is not directly flammable. Choose extinguishing agents based on the surrounding fire. Extinguish with powder, foam, carbon dioxide or water mist.

**Unsuitable extinguishing media:** Do not use water stream, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air.

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#### 5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Stop leak if this can be done without risk. Wear gloves. Wear safety goggles.

**For emergency responders:** Normal protective clothing equivalent to EN 469 is recommended.

#### 6.2. Environmental precautions

Do not discharge large quantities of concentrated spills and residue into drains. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

#### 6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. Wipe up minor spills with a cloth. Rinse with water.

#### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Running water and eye wash equipment must be available. A safety shower should be available. Avoid contact with skin and eyes.

#### 7.2. Conditions for safe storage, including any incompatibilities

Keep in tightly closed original packaging. Store safely and keep out of reach of children. Store frost-free.

#### 7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limit

Substance name	Time period	ppm	mg/m <sup>3</sup>	fiber/cm <sup>3</sup>	Comments	Remarks
potassium hydroxide	15m		2			

**Measuring methods:** Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** EH40/2005 Workplace exposure limits. Last amended January 2020.

#### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash.

**Personal protective equipment, skin protection:** Not required.

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**Personal protective equipment, hand protection:** Wear gloves. Type of material: Nitrile rubber/ Butyl rubber/ Neoprene rubber/ Rubber. Penetration time: >8 hours.

**Personal protective equipment, respiratory protection:** Not required.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Paste
Colour	Brown
Odour	Characteristic
Solubility	Soluble
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising.

Parameter	Value/unit	Remarks
pH (solution for use)	11	
pH (concentrate)	12.5 - 13.5	(25% solution)
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	50 - 90 mPa.s	
Odour threshold	No data	

### 9.2 Other information

Parameter	Value/unit	Remarks
Density	1,0 g/ml	(25% solution)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Acids/ Oxidisers.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

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Avoid direct sunlight.

#### 10.5. Incompatible materials

Acids/ Oxidisers.

#### 10.6. Hazardous decomposition products

None known.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Acute toxicity - oral:</b>	Ingestion may cause discomfort.
<b>Acute toxicity - dermal:</b>	No hazards.
<b>Acute toxicity - inhalation:</b>	No hazards.
<b>Skin corrosion/irritation:</b>	May irritate the skin - may cause reddening.
<b>Serious eye damage/eye irritation:</b>	Irritating to eyes. Causes a burning sensation and tearing.
<b>Respiratory sensitisation or skin sensitisation:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Germ cell mutagenicity:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Carcinogenic properties:</b>	No carcinogenic effects observed.
<b>Reproductive toxicity:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Single STOT exposure:</b>	Test data are not available.
<b>Repeated STOT exposure:</b>	Test data are not available.
<b>Aspiration hazard:</b>	Test data are not available.
<b>Other toxicological effects:</b>	None known.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

#### 12.2. Persistence and degradability

Expected to be biodegradable.

#### 12.3. Bioaccumulative potential

No bioaccumulation expected.

#### 12.4. Mobility in soil

Test data are not available.

#### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

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#### 12.6. Other adverse effects

The product affects the pH value of the local aquatic environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Collect concentrated spills and major waste in closed, leak-proof containers for disposal at the local hazardous waste site. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

**Category of waste:** EWC code: Depends on line of business and use, for instance 06 02 99 wastes not otherwise specified 15 01 02 plastic packaging

### SECTION 14: Transport information

<b>14.1. UN-No.:</b>	Not applicable.	<b>14.4. Packing group:</b>	Not applicable.
<b>14.2. UN proper shipping name:</b>	Not applicable.	<b>14.5. Environmental hazards:</b>	Not applicable.
<b>14.3. Transport hazard class(es):</b>	Not applicable.		

#### 14.6. Special precautions for user

None.

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

Not included.

### SECTION 15: Regulatory information

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

**Special Provisions:** Regulation (EC) of the European Parliament and on the Council no. 1272/2008.

#### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.

### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	28/10/2020	MBK	

**Abbreviations:** DNEL: Derived No Effect Level PNEC: Predicted No Effect Concentration STOT: Specific Target Organ Toxicity PBT: Persistent, Bioaccumulative and Toxic vPvB: Very Persistent and Very Bioaccumulative

**References to literature and data sources:** CEES (Centre Européen d'Etude des Silicates) June 2014 ECHA reg. sub.: ECHA database for information on registered substances.

**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:** Calculation based on the hazards of the known components. Test has shown that the

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product, despite extreme pH, is not corrosive.

### List of relevant H-statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

### SDS is prepared by

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