

# Safety Data Sheet

## Fliseimprægnering R2U/Klar til brug

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

#### 1.1. Product identifier

**Trade name:** Fliseimprægnering R2U/Klar til brug

**Unique Formula Identifier (UFI):** FC00-F00R-1004-G7MA

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

**Recommended uses:** Surface treatment.

**PC:** Non-metal-surface treatment products (PC15)

**PROC:** Mixing or blending in batch processes (PROC5). Industrial spraying (PROC7). Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC9). Roller application or brushing (PROC10). Non industrial spraying (PROC11).

**ERC:** Widespread use leading to inclusion into/onto article (outdoor) (ERC8f).

**LCS:** Consumer use (C) Widespread use by professional workers (PW)

**Inadvisable uses:** None.

#### 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

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H315 Causes skin irritation.  
H319 Causes serious eye irritation.

#### P-phrases

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear protective glove/eye protection.  
P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
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
Potassiumsilicate MR >3,2 (lumps)	1312-76-1	215-199-1	01-2119456888-17-xxxx	5 - 30%		
potassium hydroxide 50%	1310-58-3	215-181-3	01-211948713-6-33	< 1%		Met. Corr. 1;H290 Acute Tox. 4;H302 Skin Corr. 1A;H314

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

**Ingredient comments:** Solutions: 3.2>=MR>2.6

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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

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

May cause slight irritation to the skin and eyes. If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract.

#### 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.

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**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.

#### 5.3. Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

### 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 if there is a risk of eye splash.

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

#### 6.2. Environmental precautions

Avoid unnecessary release to the environment. 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

Wipe up minor spills with a cloth. Sweep up/collect spills for possible reuse or transfer to suitable waste containers. 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 should 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. The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. 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 50%	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.

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#### DNEL - workers

potassium hydroxide 50%, cas-no 1310-58-3					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	1 mg/m <sup>3</sup>				

#### DNEL - general population

potassium hydroxide 50%, cas-no 1310-58-3					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	1 mg/m <sup>3</sup>				

#### 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, hand protection:** Wear gloves. Type of material: Nitrile rubber/ Butyl rubber/ Rubber.

**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	Liquid
Colour	Clear
Odour	Odourless
Solubility	Soluble in water.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

Parameter	Value/unit	Remarks
pH (solution for use)	12	
pH (concentrate)	No data	
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	1.13 g/ml	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	

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Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

#### 9.2 Other information

**Other Information:** None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Acids.

#### 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

Avoid direct sunlight.

#### 10.5. Incompatible materials

Avoid contact with the following: Acids/ Metals.

#### 10.6. Hazardous decomposition products

None known.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity - oral:** Ingestion may cause discomfort.

**Acute toxicity - dermal:** No hazards.

**Acute toxicity - inhalation:** No hazards.

**Skin corrosion/irritation:** May irritate the skin - may cause reddening.

**Serious eye damage/eye irritation:** May cause eye irritation.

**Respiratory sensitisation or skin sensitisation:** Based on existing data, the classification criteria are deemed not to have been met.

**Germ cell mutagenicity:** Based on existing data, the classification criteria are deemed not to have been met.

**Carcinogenic properties:** No carcinogenic effects observed.

**Reproductive toxicity:** No indications.

**Single STOT exposure:** Test data are not available.

**Repeated STOT exposure:** Test data are not available.

**Aspiration hazard:** Test data are not available.

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**Other toxicological effects:** None known.

#### SECTION 12: Ecological information

##### 12.1. Toxicity

Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect. May cause long lasting harmful effects to aquatic life.

##### 12.2. Persistence and degradability

Readily 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.

##### 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.

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

#### SECTION 14: Transport information

**14.1. UN-No.:** Not applicable. **14.4. Packing group:** Not applicable.

**14.2. UN proper shipping name:** Not applicable. **14.5. Environmental hazards:** Not applicable.

**14.3. Transport hazard class(es):** Not applicable.

##### 14.6. Special precautions for user

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

#### 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. Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.

##### 15.2. Chemical Safety Assessment

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

#### SECTION 16: Other information

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<b>Abbreviations:</b>	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
<b>References to literature and data sources:</b>	CEES (Centre Européen d'Etude des Silicates) June 2014 ECHA reg. sub.: ECHA database for information on registered substances.
<b>Other Information:</b>	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.
<b>Training advice:</b>	A thorough knowledge of this safety data sheet should be a prerequisite condition.
<b>Classification method:</b>	Expert judgement. Test has shown that the product, despite extreme pH, is not corrosive.
<b>List of relevant H-statements</b>	
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
<b>SDS is prepared by</b>	
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