

## SECTION 1: Identification of the product and of the company/undertaking

### 1.1. Product identifier

Substance name : SKOGAR® UF  
Product form : Articles

### 1.2. Relevant identified uses of the product and uses advised against

#### 1.2.1. Relevant identified uses

Use of the product : Thermic and soundproofing

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the instruction sheet

ENERSENS  
46 rue Joseph Jacquard  
38110 ROCHETOIRIN - FRANCE  
Tel +33 (0)9 73 32 20 40  
contact@enersens.fr

### 1.4. Emergency telephone number

Emergency number : ORFILA (INRS) +33 (0) 1 45 42 59 59 CARECHEM +44 (0) 3700 492 795

## SECTION 2: Hazards identification

### 2.1. Classification of product

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

Not classified

### 2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : No other effects known.

Other hazards not contributing to the Classification : No other effects known.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glass strandfibers with a nominal diameter equal to or greater than 8 µm consolidated with max. 30 % of binder	Not applicable	35 - 65	Not classified
Polymer, silica aerogel	(CAS Number) 102262-30-6	35 - 65	Not classified

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Remove person to uncontaminated area. Take off immediately all contaminated clothing. Place the victim in the recovery position.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: call a poison control center or a doctor.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Get medical advice/attention if you feel unwell.

First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

First-aid measures after ingestion : Rinse mouth. Never give anything by mouth to an unconscious person. Get medical advice/attention.

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## Safe Use Instruction

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

No additional information available.

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

Get medical advice and attention if you feel unwell.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>), dry chemical powder, foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the product

Fire hazard : Under fire conditions, hazardous fumes will be present.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO<sub>2</sub>). Organic compounds.

### 5.3. Advice for fire-fighters

Precautionary measures fire : Evacuate the danger area. Do not breathe fumes from fires or vapours from decomposition. Eliminate all ignition sources if safe to do so.

Firefighting instructions : Use water spray or fog for cooling exposed containers. Fight fire from safe distance and protected location.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection (self-contained breathing apparatus).

Other information : Do not dispose of fire-fighting water in the environment.

## SECTION 6: Accidental release measures

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

General measures : Avoid creating or spreading dust.

#### 6.1.1. For non-emergency personnel

Emergency procedures : If a major spill occurs, all personnel should be immediately evacuated and the area ventilated.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Where excessive dust may result, wear approved mask.

### 6.2. Environmental precautions

Dispose of at a licensed waste collection centre.

Avoid release to the environment.

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

For containment : Dike and contain the spill. Sweep or shovel up spilled material and place in a suitable container for disposal. Dispose of materials or solid residues at an authorized site.

Methods for cleaning up : Wash away remainder with plenty of water.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Protective measures : Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing. Avoid all unnecessary exposure.

Measures to prevent fires : Take precautionary measures against static discharges.

Measures to prevent the production of suspended particles and dust : Local exhaust is needed at source of dust.

Hygiene measures : Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Technical measures : Provide adequate ventilation to minimize dust concentrations.

Storage conditions : Keep in a cool, well-ventilated place away from moisture.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Polymer, silica aerogel (CAS number 102262-30-6)		
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup> (By analogy with a similar product N°CAS: 7631-86-9) (inhalable aerosol).
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup> (By analogy with a similar product N°CAS: 7631-86-9) (inhalable aerosol).

#### 8.2. Exposure controls

Hand protection	: Chemical resistant gloves (according to European standard NF EN 374 or equivalent).
Eye and face protection	: Wear tight fitting safety glasses or facial screen. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Skin and body protection	: Wear suitable protective clothing. Emergency safety showers should be available in the immediate vicinity of any potential exposure (European standard EN 15154).
Respiratory protection	: Ensure good ventilation of the work area to avoid dust formation. Where excessive dust may result, use approved respiratory protection equipment. Dust/aerosol mask with filter type P3.



### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: Panels, Sheets, Rolls
Colour	: White, Off-white or Black
Thickness	: 0.3 to 3 mm
Odour	: Odourless
Odour threshold	: Not applicable
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: Not applicable
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: > 450 °C (DSC)
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Density	: 100 - 220 kg/m <sup>3</sup>
Solubility	: Insoluble in water, insoluble in organic solvents
Log Pow	: No data available
Viscosity	: Not applicable
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available.

#### 10.2. Chemical stability

Stable under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

No additional information available.

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### 10.4. Conditions to avoid

Keep off any ignition sources (e.g. heat, sparks, flam, impact, friction, electricity...).

### 10.5. Incompatible materials

No additional information available.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>). Silica oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### Polymer, silica aerogel (102262-30-6)

LD50 oral rat	> 2000 mg/kg (OECD 423)
Skin corrosion/irritation	: Not classified. May cause skin irritation.
Serious eye damage/irritation	: Not classified. Dust from this product may cause eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Other information	: Warning – Product not yet completely tested.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology – general : This product has not been tested for environmental effects.

### 12.2. Persistence and degradability

No additional information available.

### 12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log K<sub>ow</sub>) : no data available

Bioconcentration factor (BCF) : no data available

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Other adverse effects

No additional information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of this material and its container at hazardous or special waste collection point.  
Do not empty into drains.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

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### 14.4. Packing group

Packing group (ADR) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

### 14.6. Special precautions for user

#### - Overland transport

Transport regulations (ADR) : Not subject

#### - Transport by sea

Transport regulations (IMDG) : Not subject

#### - Air transport

Transport regulations (IATA) : Not subject

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

These products are articles according to Article 3.3 of Regulation (EC) no. 1907/2006 (REACH). They do not contain substances intended to be released under normal or reasonably foreseeable conditions of use. Therefore, there is no registration obligation for substances in article according to Article 7.1 of the Regulation. There is no obligation to provide a safety data sheet for these products since Article 31 of the Regulation is not applicable to articles but only to hazardous substances and mixtures. Enersens has committed to communicate to its customers the appropriate information for assuring the safe handling and use of its products. However, there is no mandatory format defined in the Regulation for providing that information.

#### 15.1.1. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Indication of changes:

	Revision date	Modified	
	Supersedes	Modified	
	Date of issue	Modified	
3.0	Page layout	Modified	

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*