

### SECTION 1 : IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

#### 1.1 PRODUCT IDENTIFICATION

Name : SKOGAR® UF  
Form : Articles

#### 1.2 RELEVANT IDENTIFIED USES OF THE PRODUCT AND USES ADVISED AGAINST

Relevant identified uses : Thermic and soundproofing  
Uses advised against : No additional information available

#### 1.3 DETAILS OF THE SUPPLIER OF THE INSTRUCTION SHEET

ENERSENS  
15, Avenue des Frères Lumière  
38300 BOURGOIN-JALLIEU - 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

Classification of the product : Not classified according to Regulation (EC) No. 1272/2008 (CLP).  
Label elements : According to EC directives or the corresponding national regulations there is no labelling obligation for this product.  
Other hazards : No other effects known.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

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

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

After inhalation :  
Remove person to fresh air and keep comfortable for breathing.  
If experiencing respiratory symptoms, call a poison center or a doctor.

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.

After eye contact :  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion :  
Rinse mouth. Never give anything by mouth to an unconscious person. Get medical advice/attention.

#### 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

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 FIREFIGHTERS

Evacuate the danger area.  
Do not breathe fumes from fires or vapours from decomposition.  
Eliminate all ignition sources if safe to do so.  
Use water spray or fog for cooling exposed containers.  
Fight fire from safe distance and protected location.  
Do not enter fire area without proper protective equipment, including respiratory protection (self-contained breathing apparatus).  
Do not dispose of fire-fighting water in the environment.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

#### 6.1.1 FOR NON-EMERGENCY PERSONNEL

Avoid creating or spreading dust.  
If a major spill occurs, all personnel should be immediately evacuated and the area ventilated.

#### 6.1.2 FOR EMERGENCY RESPONDERS

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

#### 6.3.1 FOR CONTAINMENT

Contain the spilled material by bunding. Mechanically recover the product.  
Use suitable disposal containers. Dispose of materials or solid residues at an authorized site.

#### 6.3.2 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

Provide adequate ventilation to minimize dust concentrations.  
Keep in a cool, well-ventilated place away from moisture.

## 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> (inhalable aerosol) by analogy with a similar product N°CAS 7631-86-9
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup> (inhalable aerosol) by analogy with a similar product N°CAS 7631-86-9

### 8.2 EXPOSURE CONTROLS

#### 8.2.1 APPROPRIATE TECHNICAL CONTROLS

Provide good ventilation in process area to prevent formation of dust.

Emergency safety showers should be available in the immediate vicinity of any potential exposure (to European standard EN 15154).

Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

#### 8.2.2 PERSONAL PROTECTIVE EQUIPMENT



Eye protection :  
Wear tight fitting safety glasses or facial screen.



Hand protection :  
Chemical resistant gloves (according to European standard NF EN 374 or equivalent).



Skin and body protection :  
Wear suitable protective clothing.



Respiratory protection :  
Where excessive dust may result, use approved respiratory protection equipment : dust/aerosol mask with filter type P3.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Aspect :	Panels, Sheets, Rolls
Colour :	White, Off white or Black
Thickness :	0.3 to 3 mm
Odour :	Odourless
Odour threshold :	Not applicable
pH :	Not applicable
Melting point/Freezing point :	No data available
Boiling point :	Not applicable
Flash point :	Not applicable
Evaporation rate :	Not applicable
Flammability (solid, gas) :	No data available
Upper/Lower flammability limits or explosive limits :	No data available
Vapour pressure :	Not applicable
Vapour density :	Not applicable
Relative density :	No data available
Density :	100 to 220 kg/m <sup>3</sup>
Solubility :	Insoluble in water, Insoluble in organic solvents
Partition coefficient n-octanol/water :	No data available
Auto-ignition temperature :	Not applicable
Decomposition temperature :	> 450 °C (DSC)
Viscosity :	Not applicable
Explosive properties :	No data available
Oxidising properties :	No data available

## SECTION 10 : STABILITY AND REACTIVITY

Reactivity :	No additional information available.
Chemical stability :	Stable under normal conditions of use.
Possibility of hazardous reactions :	No additional information available.
Conditions to avoid :	Keep off any ignition sources (heat, sparks, flam, impact, friction, electricity...).
Incompatible materials :	No additional information available.
Hazardous decomposition products :	Carbon oxides (CO, CO <sub>2</sub> ). Silica oxides.

## SECTION 11 : TOXICOLOGICAL INFORMATION

Acute toxicity : Not classified

Polymer, silica aerogel : CAS Number 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  
Summary of assessment of CMR properties : Not classified  
STOT — single exposure : Not classified  
STOT — repeated exposure : Not classified  
Aspiration hazard : Not classified  
Other information : Warning, product not yet tested completely.

## SECTION 12 : ECOLOGICAL INFORMATION

Toxicity :  
This product has not been tested for environmental effects.

Persistence et degradability :  
No additional information available.

Bioaccumulative potential :  
Partition coefficient n-octanol/water (log Kow) : No data available  
Bioconcentration factor (BCF) : No data available

Mobility in soil :  
No additional information available.

Results of PBT and vPvB assessment :  
No additional information available.

Other adverse effects :  
No additional information available.

## SECTION 13 : DISPOSAL CONSIDERATIONS

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

UN number : Not regulated for transport  
UN proper shipping name : Not applicable  
Transport hazard class(es) : Not applicable  
Packing group : Not applicable  
Environmental hazards : No  
Special precautions for user : Not subject  
Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code : Not applicable

## SECTION 15 : REGULATORY INFORMATION

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.

## SECTION 16 : OTHER INFORMATION

Indication of changes :

	Whole document	
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*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*