

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product Identifier:**

**Product name:** Ground Gypsum Superfine White  
**Chemical name:** Calcium Sulphate  
**CAS number:** 7778-18-9  
**EC number:** 231-900-3  
**Registration number:** 01-2119444918-26-XXXX

**Relevant identified uses of the substance or mixture and uses advised against:**

The product is intended for industrial or professional use.

**Application of the substance:** Additive, construction chemicals, filler/extender, food additive.

**Details of the supplier of the safety data sheet:**

**Company name:** Nexchem Ltd  
Unit 3 Barshaw Park  
Leycroft Road  
Leicester  
LE4 1ET  
Tel: 0116 2311130  
24/7 Emergency Tel: 0800 246 1274  
Email: [sales@nexchem.co.uk](mailto:sales@nexchem.co.uk)

## 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture:**

**Classification according to Regulation (EC) No. 1272/2008 (CLP):** This substance is not classified according to CLP regulation.

**Label elements:**

**Labelling according to Regulation (EC) No. 1272/2008:** The product is not labelled according to Regulation (EC) No. 1272/2008.

**Other hazards:**

**Results of PBT and vPvB assessment:**

**PBT:** Does not contain PBT substances.  
**vPvB:** Does not contain vPvB substances.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Substances:**

**Description:** Calcium sulphate, natural.  
**CAS No.:** 7778-18-9

**Identification number(s):**

**EC number:** 231-900-3  
**SVHC:** Void

**4. FIRST AID MEASURES**

**Description of first aid measures:**

**General advice:** No special measures are required. Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

**Skin contact:** Rinse with warm water. Generally, the product does not irritate the skin. If skin irritation continues, consult a doctor.

**Inhalation:** Seek medical treatment in case of complaints.

**Ingestion:** If symptoms persist consult a doctor.

**Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** The product is not combustible.

**Special hazards arising from the substance or mixture:** No further relevant information available.

**Advice for fire fighters:** Special protective equipment for fire-fighters: No special measures required.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:** Not required.

**Environmental precautions:** Prevent seepage into sewage system, work pits and cellars.

**Methods and material for containment and cleaning up:** Dispose of contaminated material as waste according to point 13.

**Reference to other sections:** See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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### 7. HANDLING AND STORAGE

**Precautions for safe handling:** No special provisions if the product is used appropriately.  
Provide suction extractors if dust is formed.

**Information about fire – and explosion protection:** No special measures are required.

**Conditions for safe storage, including any incompatibilities:** Keep/store in original containers. Store in dry conditions.

**Specific end use(s):** No further relevant information available.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters:**

**Ingredients with limit values that require monitoring at the workplace:**

**DNELs:**

**CAS:** 7778-18-9 calcium sulphate, natural

**Oral** Derived No Effect Level 1.52 mg/kgxday (consumer systemic long-term value)  
11.4 mg/kgxday (consumer systemic short-term value)

**Inhalative** Derived No Effect Level 21.17 mg/m<sup>3</sup> (worker systemic long-term value)  
5,082 mg/m<sup>3</sup> (worker systemic short-term value)  
5.29 mg/m<sup>3</sup> (consumer systemic long-term value)  
3,811 mg/m<sup>3</sup> (consumer systemic short-term value)

**CAS No. / Designation of material / % / Type / Value / Unit**

**CAS:** 7778-18-9 calcium sulphate, natural

**AGW (Germany)** Long-term value: 6 A mg/m<sup>2</sup> DFG

**LEP (Spain)** Long-term value: 10 mg/m<sup>3</sup> e

**TWA (Italy)** Long-term value: 10 mg/m<sup>3</sup> (i)

**VLE (Portugal)** Long-term value: 10 mg/m<sup>3</sup> Fração inalável; Sintomas nasais

**Exposure controls:**

**Appropriate engineering controls:** No further data, see section 7.

**Individual protection measures, such as personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Do not eat or drink while working.

**Respiratory protection:** Not required.

**Hand protection:** Protective gloves should be used if there is a risk of constant direct contact.

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Eye/face protection:** Not required.

**Body protection:** Protective work clothing.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties:**

<b>Appearance:</b>	Solid
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not determined
<b>pH (20°C):</b>	6 - 8
<b>Melting point/freezing point (°C):</b>	~1450 (DIN ISO 3016)
<b>Boiling point (°C):</b>	Undetermined
<b>Flash point (°C):</b>	Not applicable
<b>Flammability:</b>	Not flammable
<b>Upper/lower flammability or explosive limit:</b>	Not determined
<b>Vapour pressure:</b>	Not applicable
<b>Density and/or relative density:</b>	2.31 – 2.97g/cm <sup>3</sup> (DIN 51757)
<b>Density (20°C):</b>	Not applicable
<b>Relative density:</b>	Not determined
<b>Bulk density:</b>	700 - 1100kg/m <sup>3</sup>
<b>Water solubility value (20°C):</b>	2.4g/l
<b>Ignition temperature:</b>	Not determined
<b>Partitioning coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity:</b>	
<b>Kinematic viscosity:</b>	Not applicable
<b>Dynamic viscosity:</b>	Not applicable
<b>Decomposition Temperature (°C):</b>	Not determined
<b>Vapour density:</b>	Not applicable

**Other information:**

**Appearance; form:** Powder

**Important information on protection of health and environment, and on safety.**

<b>Auto ignition temperature:</b>	Product is not self-igniting
<b>Explosive properties:</b>	Product does not present an explosion hazard
<b>EU-VOC (%):</b>	0.000%
<b>EU-VOC (g/L):</b>	0.0000g/L
<b>Solids content:</b>	100.0%
<b>Change in condition:</b>	
<b>Softening point/range:</b>	
<b>Oxidising properties:</b>	Not determined
<b>Evaporation rate:</b>	Not applicable

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### 10. STABILITY AND REACTIVITY

- Reactivity:** Not reactive under normal conditions of use.
- Chemical stability:** Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. No decomposition if used according to specifications.
- Possibility of hazardous reactions:** No dangerous reactions known.
- Conditions to avoid:** No further relevant information available.
- Incompatible materials:** No further relevant information available.
- Hazardous decomposition products:** No dangerous decomposition products known.

### 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects:

**Acute toxicity:** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

Components / Type / Value / Species		
CAS: 7778-18-9 Calcium Sulphate, natural		
Oral	LD50	>2000 mg/kg (rat)

- Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- Carcinogenicity:** Based on available data, the classification criteria are not met.
- Reproductive toxicity:** Based on available data, the classification criteria are not met.
- STOT-single exposure:** Based on available data, the classification criteria are not met.
- STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- Aspiration hazard:** Based on available data, the classification criteria are not met.

#### Information on other hazards:

**Endocrine disrupting properties:** Substance is not listed.

### 12. ECOLOGICAL INFORMATION

#### Toxicity:

**Aquatic toxicity:** Not classified as harmful to aquatic life.

Type of test / effective concentration / method / assessment:	
CAS: 7778-18-9 calcium sulphate, natural	
LC50/48h	79 – 1970 mg/L (Daphnia magna)
LC50/96h	>79 mg/L (Oryzias latipes (Japanese medaka)) 79 – 2980 mg/L (Fish)
EC50/72h	>79 mg/L (Selenastrum capricornutum (Green algae))

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**Persistence and degradability:** No further relevant information available.

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Results of PBT and vPvB assessment:**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**Endocrine disrupting properties:** The product does not contain substances with endocrine disrupting properties.

**Other adverse effects:**

**Behaviour in sewage processing plants:**

<b>Type of test / effective concentration / method / assessment:</b>	
CAS: 7778-18-9 calcium sulphate, natural	
EC50 (3h)	>1000 mg/L (activated sludge)

**Additional ecological information:** Do not allow product to reach ground water, water course or sewage system.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods:**

**Recommendation:** Dispose of the product in accordance with national and local regulations.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleaning agent:** Thoroughly shake out sacks.

### 14. TRANSPORT INFORMATION

This product is not classified as a dangerous good under transport regulations ADR, RID, ADN, IMDG, IATA/ICAO.

### 15. REGULATORY INFORMATION

**Chemical safety assessment:** A chemical safety assessment has not been carried out.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

### 16. OTHER INFORMATION

**Legal disclaimer:** The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Nexchem Ltd who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

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