

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/02/2023

Reviewed on 02/02/2023

1 Identification

Product identifier
Trade name: Ground Gypsum Superfine White
Safety Data Sheet No.: NK PS032

CAS Number:

7778-18-9

EC number:

231-900-3

Application of the substance / the mixture

 Additive
 Construction chemicals
 Filler/ Extender
 Food additive

Details of the supplier of the safety data sheet
Manufacturer/Supplier:

 Saint-Gobain Formula
 Bowbridge Lane
 New Balderton
 Newark
 Nottinghamshire
 NG24 3BZ
 UK

Phone: 44 (0) 1636 670200

Fax: 44 (0) 1636 670229

 E-mail: msds-formula@saint-gobain.com
Emergency telephone number:

Austria	+43 1 406 43 43 (24 hrs)
Belgium	+32 70 245 245 (24 hrs)
Bulgaria	+359 2 9154 378/+359 887 435 325 (24 hrs)
China	+86 10 660 981 14 (24 hrs)
Czechia (Czech Republic)	+420 22 49 192 93 (24 hrs)
Denmark	+45 82 12 12 12 (24 hrs)
Finland	+358 9 471977 (24 hrs)
France	+33 (0)1 40 05 48 48 (24 hrs)
Germany	+49 30 192 40 (24 hrs)
Greece	+30 21 07 79 37 77 (24 hrs)
Hungary	+36 80 20 11 99 (24 hrs)
India	+91 112 659 36 77 or +91 112 658 93 91 (24 hrs)
Indonesia	+62 813 1082 6879 (24 hrs)
Ireland	+353 1 809 2166 (24 hrs)
Morocco	+212 537 68 64 64 / 0801 000 180 (24 hrs)
Netherlands	+31 (0)30 274 88 88 (24 hrs)
Northern Ireland	844 892 0111 (24 hrs)
Norway	+47 22 59 13 00 (24 hrs)
Portugal	808 250 143 (national callers) (24 hrs)
Romania	+402 212 106 282 (24 hrs)
Saudi Arabia	937; 800 442 8800 (national callers) (24 hrs)
Spain	+34 91 562 0420 (24 hrs)
Switzerland	+41 44 251 51 51 (in Switzerland dial 145) (24 hrs)
Thailand	1367, Line ID poisrequest (national callers) +66 (0)220 11084-6 (24 hrs)

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/02/2023

Reviewed on 02/02/2023

Trade name: Ground Gypsum Superfine White

(Contd. of page 1)

Tunisia	+216 1 335 500 (24 hrs)
Turkey	+90 0312 433 70 01 or 0 800 314 7900 (24 hrs)
UK	844 892 0111 (24 hrs)
USA	1 800 222 1222 (24 hrs)
Vietnam	+84 (0)243 869 3731, ext 6821 (08.00-17.00 Monday-Friday)

2 Hazard(s) identification

Classification of the substance or mixture

The substance is not classified, according to the Globally Harmonized System (GHS).

Label elements

GHS label elements Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Classification system:

NFPA ratings (scale 0 - 4)

Health = 1

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 1

Fire = 0

Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description

CAS: 7778-18-9 calcium sulphate, natural

EC number: 231-900-3

4 First-aid measures

Description of first aid measures

General information:

No special measures required.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation: Seek medical treatment in case of complaints.

After skin contact:

Rinse with warm water.

Generally the product does not irritate the skin.

If skin irritation continues, consult a doctor.

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

Printing date 02/02/2023

Reviewed on 02/02/2023

Trade name: Ground Gypsum Superfine White

(Contd. of page 2)

After eye contact:

Seek medical treatment.

Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

Information for 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

Suitable extinguishing agents: The product is not combustible.

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

Advice for firefighters

Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions: Prevent seepage into sewage system, workpits and cellars.

Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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.

Protective Action Criteria for Chemicals

PAC-1:

Substance is not listed.

PAC-2:

Substance is not listed.

PAC-3:

Substance is not listed.

7 Handling and storage

Handling:

Precautions for safe handling

No special measures required.

Provide suction extractors if dust is formed.

Information about protection against explosions and fires: No special measures required.

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/02/2023

Reviewed on 02/02/2023

Trade name: Ground Gypsum Superfine White

(Contd. of page 3)

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store in dry conditions.

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

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

CAS No.	Designation of material	%	Type	Value	Unit
CAS: 7778-18-9 calcium sulphate, natural					
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction				
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction				
TLV	Long-term value: 10* mg/m ³ *as inhalable fraction				

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Do not eat or drink while working.

Breathing equipment: Not required.

Protection of hands: Protective gloves should be used if there is a risk of a 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 protection: Not required.

Body protection: Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Powder
Color:	White
Odor:	Odorless
Odor threshold:	Not determined.

pH-value: 6-8

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/02/2023

Reviewed on 02/02/2023

Trade name: Ground Gypsum Superfine White

(Contd. of page 4)

Change in condition	
Melting point/Melting range:	~1,450 °C (~34.650 °F) (DIN ISO 3016)
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Product is not flammable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Oxidizing properties	Not determined.
Vapor pressure:	Not applicable.
Density at 20 °C (68 °F):	2.31-2.97 g/cm ³ (19.27695-24.78465 lbs/gal) (DIN 51757) Not applicable.
Bulk density:	700-1,100 kg/m ³
Relative density	Not determined.
Vapor density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water at 20 °C (68 °F):	2.4 g/l
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
VOC content:	0.00 %
Solids content:	100.0 %
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity Not reactive under normal conditions of use

Chemical stability Stable at recommended storage conditions

Thermal decomposition / conditions to be avoided:

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.

(Contd. on page 6)

US

Safety Data Sheet
acc. to OSHA HCS

Printing date 02/02/2023

Reviewed on 02/02/2023

Trade name: Ground Gypsum Superfine White

Hazardous decomposition products: No dangerous decomposition products known.

(Contd. of page 5)

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

Components	Type	Value	Species
CAS: 7778-18-9 calcium sulphate, natural			
Oral	LD50	>2,000 mg/kg	(Rat)

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Additional toxicological information: The substance is not subject to classification.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

Substance is not listed.

NTP (National Toxicology Program)

Substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration)

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	79-1,970 mg/l	(Daphnia magna)	
LC50/96h	>79 mg/l	(Oryzias latipes (Japanese medaka))	
	79-2,980 mg/l	(Fish)	
EC50/72h	>79 mg/l	(Selenastrum capricornutum (Green algae))	

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Behavior in sewage processing plants:

Type of test	Effective concentration	Method	Assessment
CAS: 7778-18-9 calcium sulphate, natural			
EC 50 (3h)	>1,000 mg/l	(Activated sludge)	

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/02/2023

Reviewed on 02/02/2023

Trade name: Ground Gypsum Superfine White

(Contd. of page 6)

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

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

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Thoroughly shake out sacks.

14 Transport information

UN-Number DOT, ADR, IMDG, IATA	Void
UN proper shipping name DOT, ADR, IMDG, IATA	Void
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	Void
Packing group DOT, ADR, IMDG, IATA	Void
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	Void

15 Regulatory information

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

No further relevant information available.

TSCA (Toxic Substances Control Act):

Hazardous Air Pollutants
Substance is not listed.

GHS label elements Void

Hazard pictograms Void

Signal word Void

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/02/2023

Reviewed on 02/02/2023

Trade name: Ground Gypsum Superfine White

(Contd. of page 7)

Hazard statements Void**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Technical Services**Contact:**

44 (0) 1636 670230

msds-formula@saint-gobain.com

Date of preparation / last revision 02/02/2023**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

*** Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.