

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Biała gipsowa gładź szpachlowa OMEGA

Creation date	02nd February 2011	Version	6.4
Revision date	19th November 2021		

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier Biała gipsowa gładź szpachlowa OMEGA
Substance / mixture mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against
Mixture's intended use
Leveling mortar

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

Main intended use

PC-CON-OTH Other construction products

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Name or trade name	ATLAS sp. z o.o.
Address	ul. Jana Kilińskiego 2, Łódź, 91-421 Poland
VAT Reg No	PL9471936467
Phone	+48 42 631 89 45
E-mail	msds@atlas.com.pl
Web address	www.atlas.com.pl

Supplier

Name or trade name	ATLAS sp. z o.o.
Address	ul. Jana Kilińskiego 2, Łódź, 91-421 Poland
VAT Reg No	PL9471936467
Phone	+48 42 631 89 45
E-mail	msds@atlas.com.pl
Web address	www.atlas.com.pl

Competent person responsible for the safety data sheet

Name	ATLAS sp. z o.o.
E-mail	msds@atlas.com.pl

1.4. Emergency telephone numberNational Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

2.2. Label elements

none

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Biała gipsowa gładź szpachlowa OMEGA

Creation date	02nd February 2011	Version	6.4
Revision date	19th November 2021		

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 7778-18-9 EC: 231-900-3 Registration number: 01-21 19444918-26-0138	calcium sulfate	70-99	not classified as dangerous	

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

4.2. Most important symptoms and effects, both acute and delayed**If inhaled**

Not expected.

If on skin

Not expected.

If in eyes

Not expected.

If swallowed

Not expected.

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

Symptomatic treatment.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Biała gipsowa gładź szpachlowa OMEGA

Creation date 02nd February 2011
Revision date 19th November 2021 Version 6.4

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Absorb spillage to prevent material damage. Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

6.4. Reference to other sections

See sections 7, 8 and 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Do not inhale dust. Protect from moisture. Prevent the formation of dusts in concentrations exceeding the maximum allowable concentrations for the working atmosphere. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed, original and labeled packages in dry, cool and well-ventilated rooms, preferably on pallets, do not expose directly to sunlight. Store away from incompatible materials, drinks and food. Protect against moisture - the product is irreversible hardening under the influence of moisture. The bags should be stacked in a manner for stability. Under the above conditions, none are known adverse interactions. Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3. Specific end use(s)

Provide adequate ventilation, especially in closed rooms.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

The mixture contains substances for which occupational exposure limits are set.

DNEL

calcium sulfate

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	5082 mg/m ³	Systemic acute effects	
Workers	Inhalation	21.17 mg/m ³	Systemic chronic effects	
Consumers	Inhalation	3811 mg/m ³	Systemic acute effects	
Consumers	Inhalation	5.29 mg/m ³	Systemic chronic effects	
Consumers	Oral	11.4 mg/kg/24hour	Systemic acute effects	
Consumers	Oral	1.52 mg/kg/24hour	Systemic chronic effects	

PNEC

calcium sulfate

Route of exposure	Value	Determining method
	100 mg/l	

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Biała gipsowa gładź szpachlowa OMEGA

Creation date	02nd February 2011	Version	6.4
Revision date	19th November 2021		

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

It is not needed.

Skin protection

Hand protection: cotton gloves soaked in nitriles. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Soaked gloves should be changed. You should have your gloves ready for a change. Other protection: protective workwear. Work boots. Be careful not to let wet mortar get into the shoes. Use barrier creams for skin protection, they should, however, not be applied once exposure has occurred.

Respiratory protection

Mask with a dust filter when the exposure limits of the substance are exceeded or in an inadequately ventilated environment.

Thermal hazard

not applicable

Environmental exposure controls

Collect spillage. Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	solid
Colour	white, grey, yellow
color intensity	light
Odour	without fragrance
Melting point/freezing point	not applicable
Boiling point or initial boiling point and boiling range	not applicable
Flammability	non-flammable
Lower and upper explosion limit	not determined
Flash point	not applicable
Auto-ignition temperature	not applicable
Decomposition temperature	not determined
pH	8 (50% solution at 20 °C)
Kinematic viscosity	not applicable
Solubility in water	partially soluble
Partition coefficient n-octanol/water (log value)	not applicable
Vapour pressure	not applicable
Density and/or relative density	not applicable
Relative vapour density	not applicable
Particle characteristics	0-0,2 mm
Form	solid, powder

9.2. Other information

CaSO₄ · 0.5H₂O, 200C - about 8.9 g / l (well soluble) Ca (OH)₂, 200C - 1844.9 mg / l (moderately soluble) CaSO₄ · 2H₂O, 200C - about 2.03 g / l (slightly soluble) - after rehydration

SECTION 10: Stability and reactivity**10.1. Reactivity**

The mixture is non-flammable.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Biała gipsowa gładź szpachlowa OMEGA

Creation date	02nd February 2011	Version	6.4
Revision date	19th November 2021		

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use.

10.5. Incompatible materials

May be corrosive to metals.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Inhaling dusts above the exposure limits for the work environment may lead to acute inhalation poisoning, depending on the concentration level and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

calcium sulfate

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	OECD 420	1581 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LC ₅₀	OECD 403	2610 mg/kg		Rat (Rattus norvegicus)	

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.

calcium sulfate

Route of exposure	Result	Time of exposure	Species
Eye			

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.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Biała gipsowa gładź szpachlowa OMEGA

Creation date 02nd February 2011
 Revision date 19th November 2021 Version 6.4

More information

No experimental data for the product. Assessment based on the properties of individual components.

11.2. Information on other hazards

not available

SECTION 12: Ecological information**12.1. Toxicity****Acute toxicity**

Data for the mixture are not available.

calcium sulfate

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀	OECD 203	>79 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EC ₅₀	OECD 202	>79 mg/l	48 hour	Daphnia (Daphnia magna)	
EC ₅₀	OECD 201	>79 mg/l	72 hour	Algae (Selenastrum capricornutum)	
EC ₅₀	OECD 209	>790 mg/l	3 hour	Microorganisms (Photobacterium phosphoreum)	

12.2. Persistence and degradability

The mixture is not biodegradable.

12.3. Bioaccumulative potential

Insignificant. Experience has shown that the components of the mixture, such as calcium sulphate, are neutral towards living organisms.

12.4. Mobility in soil

The product is soluble and mobile in water and soil. They are neutral for the soil.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

No harmful effects have been identified. According to the criteria of European classification and labeling, the mixture and its components are not classified and labeled as hazardous to the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Biała gipsowa gładź szpachlowa OMEGA

Creation date	02nd February 2011		
Revision date	19th November 2021	Version	6.4

SECTION 14: Transport information

- 14.1. UN number or ID number**
not subject to transport regulations
- 14.2. UN proper shipping name**
not relevant
- 14.3. Transport hazard class(es)**
not relevant
- 14.4. Packing group**
not relevant
- 14.5. Environmental hazards**
not relevant
- 14.6. Special precautions for user**
Reference in the Sections 4 to 8.
- 14.7. Maritime transport in bulk according to IMO instruments**
not relevant

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Environmental Protection Act 1990 as amended. Clean Air Act 1993 as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.
- 15.2. Chemical safety assessment**
A chemical safety assessment has not been carried out (mixture).

SECTION 16: Other information**A list of standard risk phrases used in the safety data sheet****Other important information about human health protection**

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC ₅₀	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

Biała gipsowa gładź szpachlowa OMEGA

Creation date	02nd February 2011	Version	6.4
Revision date	19th November 2021		

ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Without classification

Without classification

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 6.4 replaces the SDS version from 18 September 2019. Changes were made in sections 1,6,8,10,11,12,13 and 16.

More information

Classification procedure - calculation method. Experience with the product.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.