



ANHYDRITE SUPER®

Safety Data Sheet

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

Date of issue: 18-1-2018 Revision date: 21-12-2017 Supersedes: 1-7-2016 Version 4.0

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

1.1. Product identifier

Product form	:	Substance
Substance name	:	ANHYDRITE SUPER®
Chemical name	:	Calcium sulfate (anhydrous)
Product group	:	Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category	:	Industrial use
Use of the substance/mixture	:	Used as a binder, food additive, mortar additive, in building chemistry, agrochemicals etc.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

CALTRA Nederland BV
Communicatieweg 21
3640 AH Mijdrecht - The Netherlands
T +31 297 289 340 - F +31 297 289 350
qc@caltra.com - www.caltra.com

1.4. Emergency telephone number

Emergency number : +31 297 289 340 (8:00 - 17:00)

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The substance is not classified as hazardous according to the CLP regulation

Adverse physicochemical, human health and environmental effects

Not applicable.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272.2008 [CLP]

Hazard pictograms (CLP)	:	None
Signal word (CLP)	:	None
Hazard statements (CLP)	:	None
Precautionary statements (CLP)	:	None

2.3. Other hazards

No additional information available



ANHYDRITE SUPER®

Safety Data Sheet

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

Date of issue: 18-1-2018 Revision date: 21-12-2017 Supersedes: 1-7-2016 Version 4.0

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	CAS no.	:	7778-18-9	Calcium sulfate (anhydrous)
	CE no.	:	231-900-3	

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	:	No special measures required.
First-aid measures in case of inhalation	:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after skin contact	:	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	:	Rinse immediately with plenty of water, also under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	:	IF SWALLOWED: Rinse mouth. Seek medical attention if ill effect develops.

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

Symptoms/effects after inhalation	:	No additional relevant information available
Symptoms/effects after skin contact	:	No additional relevant information available
Symptoms/effects after eye contact	:	No additional relevant information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	All available extinguishing media are allowed.
------------------------------	---	--

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	The product is not flammable.
Explosion hazard	:	Not explosive.

5.3. Advise for firefighters

Protection during firefighting	:	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	:	All extinguishing media allowed.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Wear personal protective equipment. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment.
------------------	---	--



ANHYDRITE SUPER®

Safety Data Sheet

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

Date of issue: 18-1-2018 Revision date: 21-12-2017 Supersedes: 1-7-2016 Version 4.0

6.1.1. For non-emergency personnel

Emergency procedures : Avoid breathing dust.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Collect mechanically.

6.4. Reference to other sections

For more information of secure handling, see section 7. Concerning personal protective equipment to use, see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : No special precautions required.
Prevention of fires and explosions : No special precautions required.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Requirements with regard to storage and packaging:	No specific requirements.
Storage with other products:	No specific requirements.

7.3. Specific end use(s)

No supplementary information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Provide adequate ventilation.

Hand protection:

The material of gloves should be impermeable and resistant to the product / substance / mixture. As no specific testing was carried out, no advice can be given with regard to the specific material. When selecting working gloves, take the following into account: penetration times, permeation rates and degradation.

Eye protection:

Not required.

Skin and body protection:

Recommendation: Dust-resistant clothing according to Regulation EN ISO 13982. Protection against solid particles.

Respiratory protection:

Not required.



ANHYDRITE SUPER®

Safety Data Sheet

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

Date of issue: 18-1-2018 Revision date: 21-12-2017 Supersedes: 1-7-2016 Version 4.0

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

The basis were valid list values during creation.

SECTION 9: Physical and chemical properties

9.1. Information on basic and chemical properties

Physical state	:	Solid.
Appearance	:	Powder.
Colour	:	White.
Odour threshold	:	Perceptible.
pH	:	< 9
Relative evaporation rate (butylacetate=1)	:	Not applicable.
Melting point	:	Not applicable.
Solidification point	:	No data available.
Boiling point	:	Not determined.
Flashpoint	:	Not applicable, it is not a liquid.
Auto-ignition temperature	:	Not applicable.
Decomposition temperature	:	Not applicable, does not contain inorganic peroxide.
Flammability (solid, gas)	:	Not applicable.
Vapour pressure	:	X hPa
Relative vapour density at 20 °C	:	Not determined.
Relative density	:	Not determined.
Density	:	2,6 g/cm ³
Solubility in water at 20 °C	:	2,05 g/l
Log Pow	:	No data available.
Viscosity, kinematic	:	No data available.
Viscosity, dynamic	:	Not applicable, it is not a liquid.
Explosive properties	:	Not applicable.
Oxidising properties	:	Not applicable.
Explosives limits	:	Not applicable, it is not a flammable gas.

9.2. Other information

Other properties	:	Partition coefficient n-octanol/water. Not applicable.
------------------	---	--

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable in use and storage conditions as described in item 7.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No additional information available.



ANHYDRITE SUPER®

Safety Data Sheet

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

Date of issue: 18-1-2018 Revision date: 21-12-2017 Supersedes: 1-7-2016 Version 4.0

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: No additional information available.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Result of PBT and vPvB assessment

Not applicable

12.6. Other adverse effects

Additional information : No additional relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (IoW) code	: 17 08 02



ANHYDRITE SUPER®

Safety Data Sheet

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

Date of issue: 18-1-2018 Revision date: 21-12-2017 Supersedes: 1-7-2016 Version 4.0

SECTION 14: Transport information

In accordance with ADR / IATA / IMDG / RID

ADR	IMDG	IATA	RID
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6 Special precautions for user

- Over land transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Rail transport

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Labeling according to Regulation (EC) No 1272/2008	: Not applicable
Hazard pictograms	: Not applicable
Signal word (CLP)	: Not applicable
Declarations	: Not applicable

15.1.2. National regulations

No additional information available

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for the substance or mixture by the supplier

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
	Revision date	Modified	
	Version	Modified	



ANHYDRITE SUPER®

Safety Data Sheet

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

Date of issue: 18-1-2018 Revision date: 21-12-2017 Supersedes: 1-7-2016 Version 4.0

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative

Data sources	:	ECHA (European Chemicals Agency). Manufacturer/Supplier.
Other information	:	DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

SDS EU (REACH Annex II)

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.