



DOLOMITE

Application: Filter Media

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND PRODUCER/SUPPLIER COMPANY

1.1. PRODUCT IDENTIFICATION

Trade Name:	DOLOMITE
Chemical Name	Calcium magnesium carbonate
EINECS number	240-440-2
CAS number	16389-88-1
Molecular formula	CaMg(CO ₃) ₂
REACH Registration number:	Not Required

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Adsorbent product

1.3. DETAILS ON THE SUPPLIER OF MATERIAL SAFETY DATA SHEET

Company	Comelt S.p.A.
Address:	Via Sondrio, 4 – 20063 Cernusco S/N (MI) - Italia
Phone number:	++39 02.924476.1
Fax number:	++39 02.92149946
E-mail / web	comelt@comelt.it – www.comelt.it

1.4. EMERGENCY TELEPHONE NUMBER

CENTRO ANTIVELENI OSPEDALE NIGUARDA CA' GRANDA	MILANO	02/66101029
AZIENDA OSPEDALIERA PAPA GIOVANNI XXII	BERGAMO	800-883300
CENTRO NAZ.INFORM.TOSSIC.FOND. S. MAUGERI	PAVIA	0382/24444
AZ. OSP UNIV. FOGGIA	FOGGIA	0881-732326
CENTRO ANTIVELENI – U.O. TOSSICOLOGIA MEDICA AZIENDA OSPEDALIERA CAREGGI	FIRENZE	055/4277238
CENTRO ANTIVELENI POLICLINICO A.GEMELLI- UNIVERSITA' CATTOLICA DEL SACRO CUORE	ROMA	06/3054343
CENTRO ANTIVELENI – ISTITUTO DI ANESTESIOLOGIA E RIANIMAZIONE UNIVERSITA' DEGLI STUDI DI	ROMA	06/49970698
"LA SAPIENZA"		
CAV.P. OSPEDALE PEDIATRICO BAMBINO GESU'	ROMA	06/68593726
CENTRO ANTIVELENI AZIENDA OSPEDALIERA A. CARDARELLI	NAPOLI	081/7472870

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION

The product is not classified as hazardous under Regulation (EC) n.1272/2008 (CLP).

2.2. LABEL ELEMENTS

The product does not require label of danger.

2.3. OTHER HAZARDS

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES

Chemical Name	N° EINECS	N° CAS	%	Hazard (CLP)
CaCO ₃ + MgCO ₃	240-440-2	16389-88-1	100	Non pericoloso

Note: The substance can contain from 0 to 0.2 % crystalline Silica, classified as STOT RE1.

SECTION 4: FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

Eyes contact	In the event of accidental eyes contact, rinse immediately with plenty of water or proper eye bath solution. In case redness, itching or burning sensation develop, obtain medical attention.
Skin contact	Wash immediately with plenty of water.

DOLOMITE

Application: Filter Media



Inhalation	In the event of accidental inhalation, remove casualty to fresh air. If cough or other respiratory symptoms develop, obtain medical attention .
Ingestion	In the event of accidental ingestion, give one or two glasses of water to drink. If gastro-intestinal symptoms develop, obtain medical attention.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The mechanical irritation of the eyes can cause redness, tearing and abrasion of the cornea. Skin irritation can cause redness, itching and abrasions.

SECTION 5: FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

The product is inert, fireproof and not a combustive agent. Therefore there is no danger of fire. Use any means suitable for surrounding fire.

5.2. SPECIAL HAZARDS ARISING FROM SUBSTANCE OR MIXTURE

None

5.3. ADVICE FOR FIREFIGHTERS

Wear standard protective equipment

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1. For – non emergency personnel

No special precautions required

6.1.2. For emergency responders

No special precautions required

6.2. ENVIRONMENTAL PRECAUTIONS

No special environmental precautions

6.3. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Collect the product by mechanical or pneumatic vacuum cleaners. Dispose of the material collected according to regulations in force.

6.3. REFERENCE TO OTHER SECTIONS

For information on handling, refer to SECTION 7. For information relating to personal protective equipment, refer to SECTION 8. For disposal information, refer to SECTION 13

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTION FOR SAFE HANDLING

Do not eat, drink or smoke in the area where the material is stored. Wash hands thoroughly after handling the material.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep the packages tightly closed and dry stored. No special condition required for storage with other products

7.3. SPECIFIC END-USES

Not indicated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

De Palma Thermofluid srl

Viale Papa Giovanni XXIII, 195 - 70124 Bari (BA) - Italy

Tel. +39 080 5610800 - Fax +39 080 5613173

e-mail: info@thermofluid.it - web: www.thermofluid.it

SAFETY DATA SHEET
 According to Regulation 1907/2006/EC
 and Regulation (EU) n. 830/2015
DOLOMITE**Application: Filter Media**ACGIH - TWA (8h) 10 mg/m³.**8.2. EXPOSURE CONTROLS****8.2.1. Appropriate engineering controls**

Ensure proper room ventilation

8.2.2. Individual protection measures, such as personal protective equipment.

Skin protection	Wear long-sleeved overalls and safety footwear for professional use.
Hand protection	Wear work gloves in latex, PVC or equivalent.
Eye protection	Wear protective tight goggles.
Respiratory protection	Wear a face filter (EN 149) cat. FFP2

8.2.3. Environmental exposure controls

Do not pour the product in drains

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. PHYSICAL and CHEMICAL PROPERTIES**

Appearance	white to gray solid
Odour	odourless
Olfactory threshold	not applicable
pH (25°C)	from 9 to 9.2 (saturated aqueous solution)
Melting Point / Freezing Point:	not applicable
Vapour Pressure	not applicable
Vapour Density (air=1)	not applicable
Evaporation Rate	not applicable
Boiling Point	not applicable
Flash Point	not applicable
Solubility in water (20 °C)	0.03 % by weight
Flammability (solid, gas)	not applicable
Explosive Limits	not applicable
Auto Ignition Temperature	not applicable
Volatiles (% by volume)	not applicable
Coefficient of water/oil distribution	not applicable
Relative Density (water = 1)	2.75 – 2.99
Decomposition temperature	> 600 °C
Viscosity	not applicable
Explosive properties	not applicable
Oxidizing properties	not applicable

9.2. OTHER INFORMATIONBulk Density: 1440-1600 K/m³**SECTION 10: STABILITY AND REACTIVITY****10.1. REACTIVITY**

React chemically with strong acids to form calcium and magnesium based compounds and to liberate carbon dioxide.

10.2. CHEMICAL STABILITY
 This product is stable under the specified conditions of storage, shipment and use.
 Decomposes at 870 °C to form carbon dioxide and calcium and magnesium oxides.
10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Not available

De Palma Thermofluid srl
 Viale Papa Giovanni XXIII, 195 - 70124 Bari (BA) - Italy
 Tel. +39 080 5610800 - Fax +39 080 5613173
 e-mail: info@thermofluid.it - web: www.thermofluid.it

SAFETY DATA SHEET
 According to Regulation 1907/2006/EC
 and Regulation (EU) n. 830/2015
DOLOMITE**Application: Filter Media****10.4. CONDITIONS TO AVOID**

Accumulation of dust in the environment.

10.5. INCOMPATIBLE MATERIALS

Fluorine, magnesium, aluminum, silicon, hydrogen, mercury, aluminum sulfate, ammonium salts, acids

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Decomposition at 870 °C will produce calcium and magnesium oxides and Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. INFORMATION ON TOXICOLOGICAL EFFECTS****Effects of Acute Exposure to Product:**

Skin	May cause skin irritation. Skin Irritation Data: Skin-Rabbit-500 mg/ 24 h – Moderate.
Eyes	May cause eye irritation with discomfort or pain, local redness and swelling of the conjunctiva. Eye Irritation Data: Eye-Rabbit-750 µg/ 24 h – Severe.
Inhalation	If inhaled in form of dust, may cause respiratory tract, irritation / inflammation. Exposure may cause coughing and sneezing. Large amounts may cause chemical pneumonitis.
Ingestion	Cause gastro-intestinal irritation. If ingested in large quantities may cause nausea, constipation and hypercalcaemia, haemorrhage.

Effects of Chronic Exposure to Product:

No signs or symptoms of chronic exposure have been reported. This product may contain trace amounts of crystalline silica. Excessive inhalation of respirable crystalline silica dust may result in respiratory disease, including silicosis, pneumoconiosis and pulmonary fibrosis.

Respiratory or skin sensitization:

No available information.

Germ cell mutagenicity:

No available information.

Carcinogenicity

Dolomite is not listed as a carcinogen by ACGIH, MSHA, OSHA, NTP, DFG, RSST or IARC. It may, however, contain trace amounts of Crystalline Silica listed carcinogens by these organizations.

Reproductive Toxicity:

Information not available.

STOT – Single Exposure:

Information not available.

STOT – Repeated Exposure:

Information not available.

Aspiration Hazard**SECTION 12: ECOLOGICAL INFORMATION****12.1. TOXICITY**

Not applicable

De Palma Thermofluid srl

Viale Papa Giovanni XXIII, 195 - 70124 Bari (BA) - Italy
 Tel. +39 080 5610800 - Fax +39 080 5613173
 e-mail: info@thermofluid.it - web: www.thermofluid.it



DOLOMITE

Application: Filter Media

12.2. PERSISTENCE AND DEGRADABILITY

Not applicable

12.3. BIOACCUMULATIVE POTENTIAL

Not applicable

12.4. MOBILITY IN SOIL

Negligible

12.5. RESULTS OF PBT AND vPvB

Not applicable

12.6. OTHER ADVERSE EFFECTS

No available information.

Handle the product in compliance with the rules of good industrial hygiene and safety, avoiding dispersion in the environment.

SECTION 13: DISPOSAL CONSIDERATION

13.1. METHODS OF TREATMENT OF WASTE

The disposal or recovery should be performed according to local or national law. These provisions shall also apply to contaminated containers. It is therefore recommended to make contact with the authorities in charge or approved specialist companies that can give you guidance on how to set the disposal or recovery.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number	n.a.
14.2 UN Proper Shipping Name	n.a.
14.3 Transport Hazard Class(es)	n.a.
14.4 Packing group	n.a.
14.5 Environmental Hazards	n.a.
14.6 Special Precautions for user	n.a.
14.7 Transport in bulk according to annex II of Marpol and the IBC code	n.a.

SECTION 15: REGULATORY INFORMATION

15.1. RULES AND LEGISLATION ON HEALTH, SAFETY AND ENVIRONMENT

The product covered by this Material Safety Data Sheet is not the subject of specific provisions in relation to protection of human health or the environment.

In particular, it is not subject to regulation in accordance with the regulatory specified below:

- CE/1005/2009 Regulation on substances that deplete the ozone layer;
- Regulation CE/850/2004 related to persistent organic pollutants;
- Regulation CE/689/2008 import and export of dangerous chemicals;
- Directive 2012/18/UE (ex Seveso Law) on the control of major-accident hazards involving dangerous substances;
- Titles VII and VIII of the REACH Regulation EC/1907/2006: permissions and restrictions

15.2. EVALUATION OF CHEMICAL SAFETY

A chemical safety assessment for the product was not carried out.

SECTION 16: OTHER INFORMATION

Main references and data sources:

- Rules EC n° 1272/2008 (CLP) (and subsequent amendments and adjustments)
- Rules EC n° 1907/2006 (REACH) (and subsequent amendments and adjustments)
- Rules EC n° 830/2015 (and subsequent amendments and adjustments)

SAFETY DATA SHEETAccording to Regulation 1907/2006/EC
and Regulation (EU) n. 830/2015**DOLOMITE****Application: Filter Media****Acronyms and Abbreviations:**

ACGIH:	American Conference of Industrial Hygienists
ADR:	European Agreement relative to the International Carriage of Dangerous Goods by Road
CAS:	chemical abstracts service
CLP:	classification, labeling and packaging
EINECS:	European chemical Substances information System
IATA:	International Air Transport Association
IMDG Code:	International Maritime Dangerous Goods Code
PBT:	persistent, bioaccumulative and toxic
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID:	Regulation on the inland transport of dangerous goods by rail
TWA:	Time weighted average
vPvB:	very persistent, very bioaccumulative

Note:

The information contained in this safety data sheet is based on our best knowledge at the date of its publication. The information is provided for the sole purpose of facilitating the use, storage, transportation, disposal and should not be considered a specific guarantee of quality. The user must verify the suitability and completeness of the information in relation to your particular use of the product. Our company disclaims any and all liabilities as to any results obtained or arising from any use of the product or such information. The health and safety precautions contained herein may not be adequate for all eventualities therefore it is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations

**COMELT S.p.A. assumes no liability for any damage, loss or injury
that may result from use of the information contained in this safety data sheet.**

Rev. 2: - adjustment board with Regulation 830/2015

List Of modified SECTIONS

SECTION 1
SECTION 2
SECTION 3
SECTION 4
SECTION 5
SECTION 6
SECTION 14
SECTION 16

-----end of MSDS-----