

Material safety data sheet

according to Regulation (EC) No. 1907/2006

Aggregate Media-Plus 800

1. PRODUCT AND COMPANY

Trade name: MP- 800

Name of the substance: Calcium carbonate coarse powder

Application: Blasting agent for surface cleaning and removal of paint and oxidization

Company: SICT SA

Riond-Bosson 3
1110 Morges
Switzerland

Phone: +41/(0)21 802 53 00

Fax: +41/(0)21 802 53 01

2. HAZARD IDENTIFICATION

Is not a substance or a dangerous mixture according to Regulation (EC) No. 1272/2008.

Is not a substance or a dangerous mixture according to the Directives CE67 / 548 / EEC or 1999/45 / EC.

The product does not require labeling.

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3. COMPOSITION OF PRODUCT

Ingredient name	No.-CAS No.-EINECS No.-ELINCS	Concentration (%)
breathable crystalline silica SiO ₂	14808-60-7	>=0.1 - < 1
natural calcium carbonate	1317-65-3 215-279-6	>= 85 - >100

4. FIRST AID

- Eye contact: Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Maintain eye open while rinsing eye.
- Skin contact: Take off contaminated clothing and shoes.
Wash off with soap and plenty of water.
- Inhalation: Move to fresh air if accidental inhalation of dust.
If symptoms persist, consult a doctor.
- Ingestion: Rinse mouth with water and then drink plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Use appropriate extinguishing measures to local circumstances and the surrounding environment.
Standard procedure for chemical fires.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid dust formation.

Measures for environmental protection: None.

Cleaning methods: Sweep up and shovel. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice.

Requirements for storage areas and containers: Keep container tightly closed in dry, well ventilated area.

Storage precautions: Do not store near acids.

Storage class (Germany): 13 Non-combustible solids.

Other data: Keep in a dry place. No decomposition if stored and applied as directed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control parameters:

Germany Contains no substances with occupational exposure limit values.

Italy Contains no substances with occupational exposure limit values.

Sweden Contains no substances with occupational exposure limit values.

Norway Contains no substances with occupational exposure limit values.

Austria Contains no substances with occupational exposure limit values.

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France

Ingredient	No.-CAS	Value	Control parameters	Update	Base
natural calcium carbonate	1317-65-3	VME	10 mg/m ³	2007-12-01	FRVLE

Switzerland

Ingredient	No.-CAS	Value	Control parameters	Update	Base
natural calcium carbonate	1317-65-3	VME	3 mg/m ³	2007-01-01	CHS UVA

Finland

Ingredient	No.-CAS	Value	Control parameters	Update	Base
natural calcium carbonate	1317-65-3	HTP-values 8h	10 mg/m ³	2007-08-09	FIOEL

United Kingdom

Ingredient	No.-CAS	Value	Control parameters	Update	Base
natural calcium carbonate	1317-65-3	TWA	10 mg/m ³ 4 mg/m ³	2007-08-01	GBEH40

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Exposure controls

Respiratory protection:	When workers are facing concentrations above the exposure limit they must wear suitable, approved masks.
Hand protection:	For prolonged or repeated contact use protective gloves.
Eye protection:	Safety glasses.
Skin and body protection:	Protective clothing.
Hygiene measures:	General industrial hygiene practice.
Environmental exposure controls:	No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid at 20 °C (1013 HPA)	
Form:	Sand, gravel	
Odour:	Odourless	
Flammability:	This product is not inflammable	
Combustion index:	1	
pH:	8,5 - 9,5	at 100 g/l, at 20 °C , method DIN-ISO 787/9
Melting point:	> 800°C	at 1.013 PHA
Density:	2,6 - 2,8 g/cm ³	at 1.013 PHA, at 20 °C , method DIN-ISO 787/10
Hydro solubility:	0,014 g/l 0,018 g/l	at 20 °C, at 1.013 PHA, at 75 °C, at 1.013 PHA,
Coefficient (octanol / water):	POW: < 1 evaluated	
Boiling range:	Not applicable	

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10. STABILITY AND REACTIVITY

Reactivity:	Stable under recommended storage conditions.
Chemical stability:	No decomposition if stored and applied as directed.
Dangerous reactions:	No decomposition if used as directed. Reacts with acids to form carbon dioxide (CO ₂). This displaces the oxygen in an enclosed area (danger of suffocation).
Conditions to avoid:	No data available.
Thermal decomposition:	> 600 °C

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	DL50 (oral): > 5.000 mg/kg, Species: rat
Skin irritation:	According to the classification criteria of the European Union, the product is not considered to be a skin irritant.
Eye irritation:	According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
Respiratory or skin sensitization:	Data not available.

12. ECOLOGICAL INFORMATION

Fish toxicity:	CL50>10.000 mg/l, Exposure time: 96 h, Species: Oncorhynchus mykiss (rainbow trout)
Algae toxicity:	CE50>200 mg/l, Exposure time: 72h, Species: Desmodesmus subspicatus (green algae)
Toxicity to daphnia and other aquatic invertebrates:	CE50>1.000 mg/l, Exposure time: 48h, Species: daphnia magna
Biodegradability:	Not applicable.

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In the solid state, these minerals are an important part of the rocks of the surface of the earth. They are dissolved in a natural state and indispensable to natural waters. These minerals are not biodegradable. The negative effects on the environment should be excluded.

Some restrictions are to be made about the negative impact that might have on aquatic organisms, concentrated suspensions of calcium carbonate in natural waters (disturbance of the microflora and micro fauna in sediments with consequently a negative effect for the existence of higher water organisms).

13. DISPOSAL CONSIDERATIONS

Replace non-recyclable surplus to a company licensed disposal.

14. TRANSPORT INFORMATION

Product not dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Regulation of hazards associated with major accidents: Directive 96/82 / EC updated, does not apply.

Water contamination class (Germany): Does not pollute the water.

16. OTHER INFORMATIONS

This safety data sheet only contains information relating to safety and does not replace any product information or product specification.

The information corresponds to the current state of our knowledge and have no other purpose than to learn about security of our products. This information is indicative and given only to enable the handling, storage, transport, use and disposal in satisfactory safety conditions and is not to be construed as a guarantee or considered as quality specifications.