

# SAFETY DATA SHEET



## 0250400 OMYACARB 10-BA

Version 1.1 (GHS\_AU)      Revision Date: 25.11.2020      SDS Number: PR02504-00      Date of last issue: 28.03.2019  
Date of first issue: 28.03.2019

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OMYACARB 10-BA

#### Manufacturer or supplier's details

Company : Omya International AG

Address : Baslerstrasse  
Oftringen AG 4665

Telephone : +41627892929

Emergency telephone number : Chemtrec +(61)-290372994  
Telefax : +41627892077

Recommended use : Manufacture of paints, varnishes and similar coatings, printing ink and mastics

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards which do not result in classification

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Substance name : Calciumcarbonate GCC f powder

CAS-No. : 1317-65-3

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Natural Calcium Carbonate	1317-65-3	>= 98 -< 99

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### SECTION 4. FIRST AID MEASURES

If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.

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In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowed	:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	None known.

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific extinguishing methods	:	Standard procedure for chemical fires.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Avoid dust formation.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Sweep up and shovel. Keep in suitable, closed containers for disposal.

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### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
Advice on safe handling	:	For personal protection see section 8. No special handling advice required.
Hygiene measures	:	General industrial hygiene practice.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place.

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Materials to avoid : Do not store near acids.

Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Natural Calcium Carbonate	1317-65-3	TWA	10 mg/m <sup>3</sup> (Calcium carbonate)	AU OEL
Further information: This value is for inhalable dust containing no asbestos and < 1% crystalline silica				

#### Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
Half mask with a particle filter P2 (EN 143)

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Skin and body protection : Protective suit

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Colour : white

Odour : characteristic

Odour Threshold : Not relevant

pH : 8.5 - 9.5 (20 °C)  
Concentration: 100 g/l  
Method: DIN-ISO 787/9

Melting point/range : > 800 °C  
(1,013 hPa)  
Decomposition: Decomposes below the melting point.

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Boiling point/boiling range : Decomposition: Decomposes below the boiling point.

Flash point : does not flash

Flammability (solid, gas) : The product is not flammable.

Burning number : 1

Upper explosion limit / Upper flammability limit : Upper flammability limit  
Not applicable

Lower explosion limit / Lower flammability limit : Lower flammability limit  
Not applicable

Vapour pressure : Not applicable

Density : 2.3 - 2.8 g/cm<sup>3</sup> (20 °C, 1,013 hPa)  
Method: DIN-ISO 787/10

Solubility(ies)  
Water solubility : 0.014 g/l (20 °C, 1,013 hPa)

Partition coefficient: n-octanol/water : Not applicable

Auto-ignition temperature : Not applicable

Decomposition temperature : > 600 °C

Explosive properties : Not explosive  
Not explosive

Minimum ignition energy : > 1,000 mJ (20 °C, 1,013 hPa)

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.  
No decomposition if used as directed.  
Reacts with acids. It forms carbon dioxide (CO<sub>2</sub>). This displaces the oxygen in the air in closed spaces. (danger of suffocation).

Conditions to avoid : No data available

Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>)

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

**Product:**

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

**Components:**

**Natural Calcium Carbonate:**

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

#### Respiratory or skin sensitisation

**Product:**

No data available

#### Chronic toxicity

#### Further information

**Product:**

No data available

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

**Product:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : NOEC (Desmodesmus subspicatus (green algae)): 75 mg/l  
plants Exposure time: 72 h

EC50 (Desmodesmus subspicatus (green algae)): 289 mg/l  
Exposure time: 72 h

**Components:**

**Natural Calcium Carbonate:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
aquatic invertebrates Exposure time: 48 h

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Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l  
Exposure time: 72 h

### Persistence and degradability

#### Product:

Biodegradability : Not applicable

### Bioaccumulative potential

#### Components:

##### **Natural Calcium Carbonate:**

Partition coefficient: n-octanol/water : Not applicable

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : In solid state these minerals are a major part of the rocks of the earth's surface. They are dissolved in a natural state and indispensable part of the natural waters. These minerals are not biodegradable. Negative effects on the environment should therefore be excluded. Restrictions may indicate that concentrated suspensions with these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and - fauna in the sediment and subsequent detriment to the existence of higher water organisms).

#### Components:

##### **Natural Calcium Carbonate:**

Results of PBT and vPvB assessment : Non-classified PBT substance Non-classified vPvB substance

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste

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handling site for recycling or disposal.

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

##### National Regulations

Not applicable for product as supplied.

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### SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform            : No poison schedule number allocated  
Scheduling of Medicines and  
Poisons

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### SECTION 16. OTHER INFORMATION

Revision Date                        : 25.11.2020

Date format                         : dd.mm.yyyy

#### Full text of other abbreviations

AU OEL                                : Australia. Workplace Exposure Standards for Airborne  
Contaminants.

AU OEL / TWA                        : Exposure standard - time weighted average

AllC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory

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concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.