

# SAFETY DATA SHEET

according to Commission Regulation (EU) No 830/2015



## 5710900 MICRODOL H100-HR

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.1	19.10.2015	5710900	Date of first issue: 24.04.2015

(CLP\_GB)

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

#### 1.1 Product identifier

Trade name	:	MICRODOL H100-HR
REACH Registration Number	:	Exempted in accordance Annex V.7
Substance name	:	dolomite fine powder
EC-No.	:	240-440-2

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

Use of the Substance/Mixture	:	Manufacture of paints, varnishes and similar coatings, printing ink and mastics Chemical-Technical Industry Manufacture of rubber products Manufacture of plastics products Manufacture of paper and paperboard Manufacture of soap and detergents, cleaning and polishing mixtures Building and construction work Filling Mixing Filler or Pigment Building and construction mixtures not covered elsewhere Water treatment chemical Inorganic fertiliser
Recommended restrictions on use	:	For industrial use only. Other industries not mentioned are excluded.

#### 1.3 Details of the supplier of the safety data sheet

Company	:	Omya International AG Baslerstrasse 42 4665 Oftringen
Telephone	:	+41627892929
Telefax	:	+41627892077
E-mail address of person responsible for the SDS	:	sdb.ch@omya.com
Responsible/issuing person	:	Omya International Ltd, Group Regulatory Affairs, 4665 Oftringen, Switzerland Omya UK Ltd, Melton Office, Melton Bottom, Melton, North Ferriby, East Yorkshire, HU14 3HU, United Kingdom

#### 1.4 Emergency telephone number

Responsible Department	:	Emergency telephone: +44 870 190 6777
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

##### Additional Labelling:

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name : dolomite fine powder

##### Hazardous components

WEL substance :		
dolomite	16389-88-1 240-440-2	>= 85 - < 100

### SECTION 4: First aid measures

#### 4.1 Description of 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.
- 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.

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

None known.

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

no data available

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid dust formation.

### 6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

Not applicable

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
No special handling advice required.

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : General industrial hygiene practice.

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### 7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
- Advice on common storage : No special restrictions on storage with other products.
- Storage class (TRGS 510) : 13, Non Combustible Solids
- Other data : Keep in a dry place. No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

no data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
dolomite	Workers	Inhalation	Acute local effects	
Remarks:	No hazard identified			
	Workers	Inhalation	Acute systemic effects	
Remarks:	No hazard identified			
	Workers	Inhalation	Chronic effects, Long-term local effects	
Remarks:	No hazard identified			
	Workers	Inhalation	Chronic effects, Long-term systemic effects	10 mg/m <sup>3</sup>
	Workers	Ingestion	Acute local effects	
Remarks:	No hazard identified			
	Workers	Ingestion	Acute systemic effects	
Remarks:	No hazard identified			
	Workers	Ingestion	Chronic effects, Long-term local effects	
Remarks:	No hazard identified			
	Workers	Ingestion	Chronic effects, Long-term systemic effects	
Remarks:	No hazard identified			

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	Workers	Skin contact	Acute local effects	
Remarks:	No hazard identified			
	Workers	Skin contact	Acute systemic effects	
Remarks:	No hazard identified			
	Workers	Skin contact	Chronic effects, Long-term local effects	
Remarks:	No hazard identified			
	Workers	Skin contact	Chronic effects, Long-term systemic effects	
Remarks:	No hazard identified			

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Safety glasses

Hand protection  
Remarks : For prolonged or repeated contact use protective gloves.

Skin and body protection : Protective suit

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)

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : powder

Odour : characteristic

pH : 8,5 - 9,5, Concentration: 100 g/l (20 °C)  
Method: DIN-ISO 787/9

Melting point : Decomposition: Decomposes below the melting point.  
Not applicable

Boiling point/boiling range : Decomposition: Decomposes below the boiling point.  
Not applicable

Flash point : does not flash

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

Lower explosion limit : Not applicable

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Vapour pressure	:	< 0,1 hPa (20 °C)
Density	:	2,8 - 2,9 g/cm <sup>3</sup> (20 °C) Method: DIN-ISO 787/10
Solubility(ies)	:	
Water solubility	:	0,028 - 0,12 g/l (20 °C, 1.013 hPa)
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	> 600 °C
Viscosity	:	
Viscosity, kinematic	:	Not applicable
Explosive properties	:	Explosive Acc. EU Legislation: Not explosive Explosive Acc. Transp. Regul.: Not explosive

### 9.2 Other information

no data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

### 10.4 Conditions to avoid

Conditions to avoid : no data available

### 10.5 Incompatible materials

no data available

### 10.6 Hazardous decomposition products

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## SECTION 11: Toxicological information

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### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : no data available

Acute dermal toxicity : No acute dermal toxicity

##### Components:

###### **dolomite:**

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : no data available

Acute dermal toxicity : No acute dermal toxicity

#### Skin corrosion/irritation

##### Product:

According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

##### Components:

###### **dolomite:**

not irritating

#### Serious eye damage/eye irritation

##### Product:

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

##### Components:

###### **dolomite:**

not irritating

#### Respiratory or skin sensitisation

##### Product:

no data available

##### Components:

###### **dolomite:**

not sensitizing

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### Germ cell mutagenicity

#### Components:

##### **dolomite:**

Genotoxicity in vitro : no data available

### Carcinogenicity

#### Components:

##### **dolomite:**

This information is not available.

### Reproductive toxicity

#### Components:

##### **dolomite:**

#### **STOT - single exposure**

#### Components:

##### **dolomite:**

no data available

#### **STOT - repeated exposure**

#### Components:

##### **dolomite:**

no data available

### Further information

#### Product:

no data available

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish : (Fish): No acute toxicity

Toxicity to daphnia and other aquatic invertebrates : (Daphnia (water flea)): No acute toxicity

Toxicity to algae : (Algae): No acute toxicity

Toxicity to bacteria :  
No acute toxicity to bacteria

#### Components:



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### **dolomite:**

Toxicity to fish : No acute toxicity to fish

Toxicity to daphnia and other aquatic invertebrates : No acute toxicity

Toxicity to algae : No acute toxicity

Toxicity to bacteria :  
No acute toxicity to bacteria

### 12.2 Persistence and degradability

no data available

### 12.3 Bioaccumulative potential

#### **Components:**

#### **dolomite:**

Partition coefficient: n-octanol/water : Not applicable

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

#### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 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).

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Product : 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 handling site for recycling or disposal.

### SECTION 14: Transport information

#### 14.1 UN number

#### 14.2 UN proper shipping name

#### 14.3 Transport hazard class(es)

#### 14.4 Packing group

#### 14.5 Environmental hazards

#### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

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

Not applicable for product as supplied.

### SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances  
Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

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Not applicable

Water contaminating class : nwg not water endangering  
(Germany)

### 15.2 Chemical Safety Assessment

#### SECTION 16: Other information

##### Full text of other abbreviations

(Q)SAR - (Quantitative) Structure Activity Relationship; ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; DIN - Standard of the German Institute for Standardisation; ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; 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 concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; 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; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TRGS - Technical Rule for Hazardous Substances; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice

##### Further information

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Sources of key data used to compile the Safety Data Sheet : Information taken from reference works and the literature.

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