5710900 MICRODOL H100-HR

Version	Revision Date:	SDS Number:	Date of last issue: 08.06.2016
1.3 (CLP_GB)	19.06.2018	PR57109-00	Date of first issue: 24.04.2015

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
CAS-No.	:	16389-88-1
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 UK Ltd - Melton Office Melton Bottom HU14 3HU Melton, North Ferriby
E-mail address of person responsible for the SDS	:	sds.europe@omya.com
Responsible/issuing person	:	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.

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.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name : dolomite fine powder

EC-No. : 240-440-2

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.

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

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Not combustible.

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.

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

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	:	No special precautions required.
Hygiene measures	:	General industrial hygiene practice.

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.
Further information on storage stability	:	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/m3
	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			
	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

Odour Threshold : Not relevant

pH : 8,5 - 9,5 (20 °C)
Concentration: 100 g/l
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)	:	Will not burn
Burning number	:	1
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapour pressure	:	< 0,1 hPa (20 °C)
Density	:	2,8 - 2,9 g/cm3 (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

Minimum ignition energy	:	> 1.000 mJ

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

Hazardous decomposition products : Carbon dioxide (CO_2)

SECTION 11: Toxicological information

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 data available

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

Components:

dolomite:
not irritating

Serious eye damage/eye irritation

Components:

dolomite:
not irritating

Respiratory or skin sensitisation

Components:

dolomite:
not sensitizing

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	:	No data available
Toxicity to daphnia and other aquatic invertebrates	:	No data available
Toxicity to algae	:	No data available

Toxicity to microorganisms : No data available

Components:

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 microorganisms : 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).

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

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol 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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	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
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	:	Not applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	:	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.
Not applicable

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of other abbreviations

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; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; 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 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; NO(A)EC - No Observed (Adverse) Effect

Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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.

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.