

# SAFETY DATA SHEET

## 22003800 OMYASPHERE 335T - FQ



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	20.11.2020	PR220038-00	Date of first issue: 20.11.2020
(GHS_BR)			

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OMYASPHERE 335T - FQ

#### Manufacturer or supplier's details

Company : Omya International AG

Address : Baslerstrasse  
Oftringen AG 4665

Telephone : +41627892929

Emergency telephone : (42) 3219-2600  
Telefax : +41627892077

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification in accordance with ABNT NBR 14725 Standard

Carcinogenicity (Inhalation) : Category 1A

#### GHS label elements in accordance with ABNT NBR 14725 Standard

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H350 May cause cancer by inhalation.

Precautionary Statements :

**Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**Storage:**  
P405 Store locked up.

**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

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### Other hazards which do not result in classification

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Classification	Concentration (% w/w)
quartz (SiO <sub>2</sub> )	14808-60-7	Carcinogenicity (Inhalation), Category 1A Specific target organ toxicity - repeated exposure (Inhalation) (Lungs), Category 2	>= 1 -< 5

## 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.

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.

## SECTION 5. FIRE-FIGHTING MEASURES

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

Hazardous combustion products : No hazardous combustion products are known

Specific extinguishing methods : Standard procedure for chemical fires.

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

### 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.

### 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.

Materials to avoid : 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.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
quartz (SiO <sub>2</sub> )	14808-60-7	LT	8.5 mppcd / (% quartz+10)	BR OEL
		LT (Respirable dust)	8 mg/m <sup>3</sup> / (% quartz+2)	BR OEL
		LT (Total dust)	24 mg/m <sup>3</sup> / (% quartz+3)	BR OEL
		TWA (Respirable particulate)	0.025 mg/m <sup>3</sup> (Silica)	ACGIH

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### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

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

Color : off-white, gray

Odor : odorless

Odor Threshold : not determined

pH : 6 - 8.5

Melting point/range : 950 - 1,050 °C

Flash point : not determined

Flammability (solid, gas) : Will not burn

Burning number : not determined

Lower explosion limit / Lower flammability limit : not determined

Vapor pressure : Not applicable

Bulk density : 0.09 - 0.2 kg/m<sup>3</sup>

Solubility(ies)  
Water solubility : insoluble

Decomposition temperature : not determined

Explosive properties : Not applicable

### SECTION 10. STABILITY AND REACTIVITY

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Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	No hazards to be specially mentioned.
Conditions to avoid	:	No data available

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50 Oral (Rat): 12,960 mg/kg

#### Respiratory or skin sensitization

##### Product:

No data available

#### Carcinogenicity

##### IARC

Group 1: Carcinogenic to humans

quartz (SiO<sub>2</sub>) 14808-60-7

Group 2A: Probably carcinogenic to humans

Perlite 93763-70-3

##### Components:

##### quartz (SiO<sub>2</sub>):

Carcinogenicity - Assessment : Positive evidence from human epidemiological studies (inhalation)

#### STOT-repeated exposure

##### Components:

##### quartz (SiO<sub>2</sub>):

Routes of exposure : Inhalation  
Target Organs : Lungs  
Assessment : May cause damage to organs through prolonged or repeated exposure.

#### Further information

##### Product:

No data available

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Product:

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae/aquatic plants : No data available

##### Components:

##### quartz (SiO<sub>2</sub>):

Toxicity to fish : No toxicity at the limit of solubility.

Toxicity to daphnia and other aquatic invertebrates : No toxicity at the limit of solubility.

Toxicity to algae/aquatic plants : No toxicity at the limit of solubility.

Toxicity to microorganisms : No toxicity at the limit of solubility.

#### Persistence and degradability

##### Product:

Biodegradability : Not applicable

##### Components:

##### quartz (SiO<sub>2</sub>):

Biodegradability : Result: Not biodegradable.

Biochemical Oxygen Demand (BOD) : Not applicable

Chemical Oxygen Demand (COD) : Not applicable

#### Bioaccumulative potential

##### Components:

##### quartz (SiO<sub>2</sub>):

Bioaccumulation : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

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Partition coefficient: n-octanol/water : Not applicable

### **Mobility in soil**

No data available

### **Other adverse effects**

### **Product:**

Additional ecological information : There is no data available for this product.

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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 handling site for recycling or disposal.

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## SECTION 14. TRANSPORT INFORMATION

### **International Regulations**

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

Not applicable for product as supplied.

#### **Domestic regulation**

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**

National List of Carcinogenic Agents for Humans - (LINACH)

Group 1: Carcinogenic to humans  
quartz (SiO<sub>2</sub>)

14808-60-7

### **International Regulations**

The receiver should verify the possible existence of legal regulations applicable to chemical.

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### SECTION 16. OTHER INFORMATION

#### Further information

Other information : This material 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 Material Safety Data Sheet : Information taken from reference works and the literature.

#### Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
BR OEL	: Brazil. NR 15 - Unhealthy activities and operations
ACGIH / TWA	: 8-hour, time-weighted average
BR OEL / LT	: Up to 48 hours /week

AIIC - 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 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



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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.