

# SAFETY DATA SHEET

## 91000300 OMYASPHERE 953 - TR



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02.09.2021	PR910003-00	Date of first issue: 02.09.2021

(GHS\_BR)

---

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OMYASPHERE 953 - TR

Other means of identification : Article consisting of inert glass.

#### Manufacturer or supplier's details

Company : Omya International AG

Address : Baslerstrasse  
Oftringen AG 4665

Telephone : +41627892929

Emergency telephone : 0800 892 0479

Telefax : +41627892077

#### Recommended use of the chemical and restrictions on use

Recommended use : Building and construction work  
Manufacture of cement  
Mixing  
Filling  
Building and construction mixtures not covered elsewhere  
Additive  
Filler or Pigment

Restrictions on use : Reserved for industrial and professional use.  
Other industries not mentioned are excluded.

---

### SECTION 2. HAZARDS IDENTIFICATION

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

Not a hazardous substance or mixture.

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

Not a hazardous substance or mixture.

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

None known.

---

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Substance name : Alkali-Alumino-silicate glass

CAS-No. : 65997-17-3

#### Components

# SAFETY DATA SHEET

## 91000300 OMYASPHERE 953 - TR



Version 1.0  
(GHS\_BR)

Revision Date: 02.09.2021

SDS Number: PR910003-00

Date of last issue: -  
Date of first issue: 02.09.2021

Chemical name	CAS-No.	Classification	Concentration (% w/w)
Silicic acid, aluminum sodium salt	1344-00-9		$\geq 10$ - $< 20$

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

### 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.

# SAFETY DATA SHEET

## 91000300 OMYASPHERE 953 - TR



Version 1.0  
(GHS\_BR)

Revision Date: 02.09.2021

SDS Number: PR910003-00

Date of last issue: -  
Date of first issue: 02.09.2021

### 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 : 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
Silicic acid, aluminum sodium salt	1344-00-9	TWA (Respirable particulate matter)	1 mg/m <sup>3</sup> (Aluminum)	ACGIH

#### 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 : coarse powder

Color : white

# SAFETY DATA SHEET

## 91000300 OMYASPHERE 953 - TR



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02.09.2021	PR910003-00	Date of first issue: 02.09.2021
(GHS_BR)			

Odor	:	odorless
pH	:	9.2 Method: OECD Test Guideline 122
Melting point	:	1,300 °C
Boiling point/boiling range	:	Not applicable
Flash point	:	Not applicable
Flammability (solid, gas)	:	Will not burn
Density	:	0.5 - 0.9 g/cm <sup>3</sup> (20 °C)
Bulk density	:	0.3 - 0.5 kg/m <sup>3</sup>
Solubility(ies) Water solubility	:	< 0.1 g/l practically insoluble
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.

### 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	:	No hazards to be specially mentioned.
Conditions to avoid	:	No data available

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Product:

Acute oral toxicity	:	Assessment: The substance or mixture has no acute oral toxicity
---------------------	---	---

##### Components:

##### **Silicic acid, aluminum sodium salt:**

Acute oral toxicity	:	LD50 Oral (Rat): > 27,000 mg/kg
---------------------	---	---------------------------------

# SAFETY DATA SHEET

## 91000300 OMYASPHERE 953 - TR



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02.09.2021	PR910003-00	Date of first issue: 02.09.2021
(GHS_BR)			

---

### Skin corrosion/irritation

#### Product:

Based on available data, the classification criteria are not met.

### Respiratory or skin sensitization

#### Product:

No data available

### Carcinogenicity

#### Product:

Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

#### **IARC**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### Further information

#### Product:

No data available

---

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

#### Components:

#### **Silicic acid, aluminum sodium salt:**

Toxicity to fish : Not applicable

Toxicity to daphnia and other aquatic invertebrates : Not applicable

Toxicity to algae/aquatic plants : Not applicable

# SAFETY DATA SHEET

## 91000300 OMYASPHERE 953 - TR



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02.09.2021	PR910003-00	Date of first issue: 02.09.2021

(GHS\_BR)

---

### Persistence and degradability

#### Components:

##### **Silicic acid, aluminum sodium salt:**

Biodegradability : Not applicable

### Bioaccumulative potential

#### Components:

##### **Silicic acid, aluminum sodium salt:**

Bioaccumulation : Not applicable

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.

---

## 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.

---

## 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.

#### **Domestic regulation**

Not applicable for product as supplied.

# SAFETY DATA SHEET

## 91000300 OMYASPHERE 953 - TR



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02.09.2021	PR910003-00	Date of first issue: 02.09.2021
(GHS_BR)			

### SECTION 15. REGULATORY INFORMATION

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

National List of Carcinogenic Agents for Humans - (LINACH) : Not applicable

Brazil. List of chemicals controlled by the Federal Police : Not applicable

#### International Regulations

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

### SECTION 16. OTHER INFORMATION

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
ACGIH / TWA : 8-hour, time-weighted average

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

# SAFETY DATA SHEET

## 91000300 OMYASPHERE 953 - TR



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02.09.2021	PR910003-00	Date of first issue: 02.09.2021
(GHS_BR)			

---

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.