



## SAFETY DATA SHEET TETRION SMART FILLER

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

#### 1.1. Product identifier

Product name TETRION SMART FILLER

Product number TST500

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

Identified uses Household Maintenance Product

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

Supplier TETROSYL EUROPE  
79 rue du chemin vert  
59.273 Fretin  
TEL: 03 20 28 06 30  
qualite@tetrosyl-france.com

Manufacturer TETROSYL LIMITED  
Bury  
Lancashire  
England  
BL9 7NY  
0161 764 5981  
0161 797 5899  
info@tetrosyl.com

#### 1.4. Emergency telephone number

Emergency telephone +44 (0)161 764 5981 (24 hrs)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 3 - H412

Human health See Section 11 for additional information on health hazards.

#### 2.2. Label elements

##### Hazard pictograms



Signal word Warning

## TETRION SMART FILLER

<b>Hazard statements</b>	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
<b>Precautionary statements</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P261 Avoid breathing vapour/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/ container in accordance with national regulations.
<b>Contains</b>	TETRAHYDRO-1,3,4,6-TETRAKIS (HYDROXYMETHYL)IMIDAZO[4,5-D]IMIDAZOLE-2,5(1H,3H)-DIONE, 2-OCTYL-2H-ISOTHIAZOL-3-ONE, 1,2-benzisothiazol-3(2H)-one, 2-METHYLISOTHIAZOL-3(2H)-ONE
<b>Supplementary precautionary statements</b>	P272 Contaminated work clothing should not be allowed out of the workplace. P321 Specific treatment (see medical advice on this label).

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>DOLOMITE</b>	<b>10-&lt;30%</b>
CAS number: 16389-88-1	EC number: 240-440-2
<b>Classification</b>	
Not Classified	
<b>TETRAHYDRO-1,3,4,6-TETRAKIS (HYDROXYMETHYL)IMIDAZO[4,5-D]IMIDAZOLE-2,5(1H,3H)-DIONE</b>	<b>0.1-&lt;0.3%</b>
CAS number: 5395-50-6	EC number: 226-408-0
<b>Classification</b>	
Skin Sens. 1 - H317	
<b>2,2' -OXYBISETHANOL</b>	<b>0.1-&lt;0.3%</b>
CAS number: 111-46-6	EC number: 203-872-2
<b>Classification</b>	
Acute Tox. 4 - H302 STOT RE 2 - H373	
<b>2-(2-BUTOXYETHOXY)ETHANOL</b>	<b>0.1-&lt;0.3%</b>
CAS number: 112-34-5	EC number: 203-961-6
<b>Classification</b>	
Eye Irrit. 2 - H319	

## TETRION SMART FILLER

### 2-OCTYL-2H-ISOTHIAZOL-3-ONE

-&lt;0.05

CAS number: 26530-20-1

EC number: 247-761-7

M factor (Acute) = 100

M factor (Chronic) = 100

Corrosive to the respiratory tract.

May cause an allergic skin reaction. This substance has specific concentration limits.  $\geq 0.0015$ 

#### Classification

Acute Tox. 3 - H301

Acute Tox. 3 - H311

Acute Tox. 2 - H330

Skin Corr. 1 - H314

Eye Dam. 1 - H318

Skin Sens. 1A - H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

### 1,2-benzisothiazol-3(2H)-one

-&lt;0.05

CAS number: 2634-33-5

EC number: 220-120-9

M factor (Acute) = 1

#### Classification

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Skin Sens. 1 - H317

Aquatic Acute 1 - H400

### 2-METHYLISOTHIAZOL-3(2H)-ONE

0.001 - &lt;0.005%

CAS number: 2682-20-4

EC number: 220-239-6

M factor (Acute) = 10

M factor (Chronic) = 1

Corrosive to the respiratory tract.

May cause an allergic skin reaction. This substance has specific concentration limits.  $\geq 0.0015$ 

#### Classification

Acute Tox. 3 - H301

Acute Tox. 3 - H311

Acute Tox. 2 - H330

Skin Corr. 1B - H314

Eye Dam. 1 - H318

Skin Sens. 1A - H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove affected person from source of contamination. Get medical attention if any discomfort continues.

## TETRION SMART FILLER

<b>Inhalation</b>	Get medical attention if any discomfort continues.
<b>Ingestion</b>	Consult a physician for specific advice.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Do not rub eye.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Effects may be delayed. Keep affected person under observation.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause discomfort if swallowed. May cause stomach pain or vomiting.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
-----------------------------	---

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Not relevant. No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	No known hazardous decomposition products.

### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Leave danger zone immediately.

## **SECTION 6: Accidental release measures**

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

<b>Personal precautions</b>	For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.
-----------------------------	--

### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Collect and dispose of spillage as indicated in Section 13.
----------------------------------	---

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

<b>Methods for cleaning up</b>	For waste disposal, see Section 13. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material.
--------------------------------	---

## TETRION SMART FILLER

### 6.4. Reference to other sections

**Reference to other sections** Collect and dispose of spillage as indicated in Section 13. For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Avoid contact with eyes. Avoid eating, drinking and smoking when using the product.

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

**Storage precautions** Keep containers upright. Store in tightly-closed, original container.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### DOLOMITE

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup>

##### 2,2'-OXYBISETHANOL

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m<sup>3</sup>

##### 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls**

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection**

Wear suitable protective clothing as protection against splashing or contamination.

**Hygiene measures**

Use engineering controls to reduce air contamination to permissible exposure level.

**Respiratory protection**

Respiratory protection not required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

## TETRION SMART FILLER

<b>Appearance</b>	Liquid.
<b>Colour</b>	White.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 8 - 9
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	~100°C @ 1013 hPa
<b>Flash point</b>	This product does not sustain combustion.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	~0.5g/cm <sup>3</sup> @ 20°C
<b>Solubility(ies)</b>	Dispersible in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	>10000 cP @ 20°C
<b>Oxidising properties</b>	Not available.

### 9.2. Other information

<b>Other information</b>	None.
--------------------------	-------

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
-------------------	---

### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns.
------------------	-----------------------------------

### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not applicable.
---	-----------------

### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Not relevant.
----------------------------	---------------

### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
---------------------------	--

### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended.
---	---

## TETRION SMART FILLER

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

##### Acute toxicity - oral

**Summary** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Summary** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Summary** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Summary** Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Summary** Based on available data the classification criteria are not met.

##### Respiratory sensitisation

**Summary** Based on available data the classification criteria are not met.

##### Skin sensitisation

**Summary** Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

**Summary** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Summary** Based on available data the classification criteria are not met.

##### Reproductive toxicity

**Summary** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - single exposure

**Summary** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - repeated exposure

**Summary** Based on available data the classification criteria are not met.

##### Aspiration hazard

**Summary** Based on available data the classification criteria are not met.

**Inhalation** No specific health hazards known.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Prolonged and frequent contact may cause redness and irritation. May cause an allergic skin reaction.

**Eye contact** May cause temporary eye irritation.

### SECTION 12: Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

#### 12.1. Toxicity

##### Acute aquatic toxicity

## TETRION SMART FILLER

**Acute toxicity - fish** Not available.

**Acute toxicity - aquatic invertebrates** Not available.

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

**Mobility** The product is partly miscible with water and may spread in the aquatic environment.

**Adsorption/desorption coefficient** Not available.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not available.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor.

## **SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.



## TETRION SMART FILLER

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

**National regulations**                      The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>General information</b>	Only trained personnel should use this material.
<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	HS&E Manager.
<b>Revision date</b>	02/11/2022
<b>Revision</b>	1
<b>SDS number</b>	34725
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.