



## 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 LSF100, TST001

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

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Not Classified

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

#### 2.2. Label elements

# TETRION SMART FILLER

## Hazard pictograms



### Signal word

Warning

### Hazard statements

H317 May cause an allergic skin reaction.

### Precautionary statements

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.

### Contains

TETRAHYDRO-1,3,4,6-TETRAKIS (HYDROXYMETHYL)IMIDAZO[4,5-D]IMIDAZOLE-2,5(1H,3H)-DIONE, 2-OCTYL-2H-ISOTHIAZOL-3-ONE, 2-METHYLISOTHIAZOL-3(2H)-ONE

### Supplementary precautionary statements

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	REACH registration number: 01-2119457857-21	
<b>Classification</b>	Acute Tox. 4 - H302		

## TETRION SMART FILLER

<b>2-(2-BUTOXYETHOXY)ETHANOL</b>	<b>0.1-&lt;0.3%</b>
CAS number: 112-34-5	EC number: 203-961-6
	REACH registration number: 01-2119475104-44
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>2-OCTYL-2H-ISOTHIAZOL-3-ONE</b>	<b>-&lt;0.05</b>
CAS number: 26530-20-1	EC number: 247-761-7
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>2-METHYLISOTHIAZOL-3(2H)-ONE</b>	<b>0.001 - &lt;0.005%</b>
CAS number: 2682-20-4	EC number: 220-239-6
M factor (Acute) = 1	
<b>Classification</b>	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
STOT SE 3 - H335	
Aquatic Acute 1 - H400	

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
<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

## TETRION SMART FILLER

<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.
--------------------------------	---

### 6.4. Reference to other sections

<b>Reference to other sections</b>	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

## TETRION SMART FILLER

**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

No exposure limits known for ingredient(s).

#### **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

#### **Appearance**

Liquid.

#### **Odour threshold**

Not determined.

#### **Melting point**

Not determined.

## TETRION SMART FILLER

Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Oxidising properties	Not available.

### 9.2. Other information

Other information None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stability No particular stability concerns.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

### 10.4. Conditions to avoid

Conditions to avoid Not relevant.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological effects No information available.

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

## TETRION SMART FILLER

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

#### Acute aquatic toxicity

**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

**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 EU 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

## TETRION SMART FILLER

### Environmentally hazardous substance/marine pollutant

No.

### 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).

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (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>	19/05/2019
<b>Revision</b>	25
<b>Supersedes date</b>	29/03/2019
<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. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic 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.