

# SAFETY DATA SHEET

## FABSIL UNIVERSAL LIQUID WATERPROOFER

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

#### 1.1. Product identifier

**Product name** FABSIL UNIVERSAL LIQUID WATERPROOFER

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

**Identified uses** WATER REPELLENT

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

**Supplier** Grangers International Ltd  
Grange Close  
Clover Nook Industrial Park  
Alfreton  
Derbyshire  
DE55 4QT  
United Kingdom  
T: +44 (0) 1773 521521  
F: +44 (0) 1773 521262  
info@grangersinternational.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)1773 521521 (MON-FRI 08.00-17.00 GMT)

### SECTION 2: Hazards identification

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

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

**Physical hazards** Flam. Liq. 3 - H226  
**Health hazards** Elicitation - EUH208 STOT SE 3 - H336 Asp. Tox. 1 - H304 STOT SE 3 - H336  
**Environmental hazards** Not Classified

#### 2.2. Label elements

##### Pictogram



**Signal word** Danger

**Hazard statements** EUH208 Contains Zirconium butanolate. May produce an allergic reaction.  
H336 May cause drowsiness or dizziness.  
H304 May be fatal if swallowed and enters airways.  
H226 Flammable liquid and vapour.

**Precautionary statements** P261 Avoid breathing vapour/ spray.  
P271 Use only outdoors or in a well-ventilated area.  
P102 Keep out of reach of children.  
P301 IF SWALLOWED:  
P313 Get medical advice/ attention.

**Contains** NAPHTHA (PETROLEUM) HYDROTREATED HEAVY (<0.1% BENZENE)

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**Supplementary precautionary statements** P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P403+P235 Store in a well-ventilated place. Keep cool.

### EU Detergent Labelling

#### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>NAPHTHA (PETROLEUM) HYDROTREATED HEAVY (&lt;0.1% BENZENE)</b>	<b>60-100%</b>
CAS number: 64742-48-9	EC number: 919-857-5

##### Classification

Flam. Liq. 3 - H226  
STOT SE 3 - H336  
Asp. Tox. 1 - H304

##### Zirconium butanolate

**<1%**

CAS number: 1071-76-7

EC number: 213-995-3

##### Classification

Eye Irrit. 2 - H319  
Skin Sens. 1 - H317

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once. Keep affected person under observation. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
<b>Ingestion</b>	Do not induce vomiting. Get medical attention. Give plenty of water to drink.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation persists after washing.

##### 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.
<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea. Irritating to respiratory system.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
<b>Eye contact</b>	May cause severe eye irritation. May cause blurred vision and serious eye damage.

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

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Hazardous combustion products** Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Cool containers exposed to flames with water until well after the fire is out.

**Special protective equipment for firefighters** Self contained breathing apparatus and full protective clothing must be worn in case of fire. Wear self contained breathing apparatus and protective suit. In case of large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### SECTION 6: Accidental release measures

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

**Personal precautions** Provide adequate ventilation. Wear protective gloves, eye and face protection. Avoid inhalation of vapours and contact with skin and eyes. No smoking, sparks, flames or other sources of ignition near spillage. Wear protective clothing as described in Section 8 of this safety data sheet.

#### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery. Absorb in vermiculite, dry sand or earth and place into containers.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid inhalation of vapours/spray and contact with skin and eyes. Static electricity and formation of sparks must be prevented.

**Advice on general occupational hygiene** Do not smoke in work area. Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling.

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

**Storage precautions** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### 7.3. Specific end use(s)

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**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

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Avoid inhalation of vapours. All handling should only take place in well-ventilated areas.

##### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

##### Hand protection

Wear protective gloves made of the following material: Nitrile: Thickness >0.3mm - Permeation time according to EN 374-3:>60 minutes Polychloroprene. Thickness >0.7mm - permeation time according to EN 374-3:>60 minutes For prolonged or repeated contact: Nitrile: Thickness > 0.45mm - Permeation time according to EN 374-3: >480 minutes

##### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

##### Hygiene measures

Do not smoke in work area. Good personal hygiene procedures should be implemented. Provide eyewash station. Wash contaminated skin thoroughly after handling.

##### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. When spraying, wear a respirator fitted with the following cartridge: Particulate filter, type P1.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Clear, yellowish liquid.
<b>Colour</b>	Colourless to pale yellow.
<b>Odour</b>	Solvent.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	149-213°C
<b>Flash point</b>	> 41°C
<b>Evaporation rate</b>	Not applicable.
<b>Relative density</b>	0.78 @ 20°C

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

##### Stability

Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

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**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Static electricity and formation of sparks must be prevented.

### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Carcinogenicity

**Carcinogenicity** Not applicable.

#### Reproductive toxicity

**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.

#### Specific target organ toxicity - single exposure

**Target organs** Central nervous system

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not known.

#### Aspiration hazard

**Aspiration hazard** Aspiration hazard if swallowed.

#### Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

#### Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Harmful: may cause lung damage if swallowed.

#### Skin contact

Prolonged contact may cause dryness of the skin.

#### Eye contact

May cause eye irritation.

## SECTION 12: Ecological Information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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### General information

Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1268
UN No. (IMDG)	1268
UN No. (ICAO)	1268

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	Petroleum distillates, n.o.s.
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#### 14.3. Transport hazard class(es)

ADR/RID class	3: Flammable liquids
ADR/RID label	3
IMDG class	3
ICAO class/division	3

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	3C
IMDG packing group	III
ICAO packing group	III

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

EmS	F-E, S-D
Emergency Action Code	3Y

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

### SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
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#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

Issued by	Technical Manager
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**FABSIL UNIVERSAL LIQUID WATERPROOFER**

<b>Revision date</b>	22/10/2015
<b>Revision</b>	4
<b>Supersedes date</b>	07/10/2015
<b>SDS number</b>	4673
<b>Hazard statements in full</b>	<p>EUH208 Contains Zirconium butanolate. May produce an allergic reaction. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H336 May cause drowsiness or dizziness.</p>