

## 1 Identification

**Product Name:** POOL FIX

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Sealant. Moisture-repellent compound

**Details of Manufacturer or Importer:**

Soudal Australia Pty Ltd  
 Unit 1, 29 Prince William Drive  
 Seven Hills NSW 2147

**Phone Number:** 02 8678 7449

**Emergency telephone number:** 1300 507 011

## 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



Serious Eye Damage/Irritation 2A H319 Causes serious eye irritation.

**Signal Word** Warning

**Hazard Statements**

H319 Causes serious eye irritation.

**Precautionary Statements**

P280 Wear eye protection / face protection.

P264 Wash hands thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

## 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

**Hazardous Components:**

13822-56-5	3-(trimethoxysilyl)propylamine ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Skin Corrosion/Irritation 2, H315; Flammable Liquids 4, H227	>1 - <3%
54068-28-9	Diocetylbis(pentane-2,4-dionato-O,O')tin ⚠ Toxic To Reproduction 2, H361; STOT RE 2, H373; ⚠ Skin Sensitisation 1, H317; Aquatic Acute 3, H402; Aquatic Chronic 3, H412	>0.1 - <1%
63843-89-0	Propanedioic acid, [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butyl-, bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester ⚠ STOT RE 1, H372; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Toxicity (Oral) 4, H302	>0.1 - <0.25%

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2768-02-7	Silane, ethenyltrimethoxy-  STOT RE 2, H373;  Acute Toxicity (Inhalation) 4, H332	>0.1%
13463-41-7	Zinc pyrithione  Acute Toxicity (Oral) 3, H301;  Serious Eye Damage/Irritation 1, H318;  Aquatic Acute 1, H400; Aquatic Chronic 1, H410;  Acute Toxicity (Inhalation) 4, H332	>0.01 - <0.1%

### 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

**Symptoms Caused by Exposure:** Eye Contact: Causes serious eye irritation.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Use fire extinguishing methods suitable to surrounding conditions. Full water jet is ineffective as an extinguishing medium.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and silicon.  
 Product is not flammable.  
 Containers close to fire should be removed if safe to do so.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so. Dyke or dam up the spill, allow product to solidify and then scoop up. Collect the spilled material and place into a suitable container for disposal.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

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Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Protect from extreme temperatures and direct sunlight. Protect from frost. Keep away from combustible materials.

Max. storage time: 1 year.

Suitable packaging material: Plastics.

### 8 Exposure controls and personal protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Respiratory protection is not required under normal use conditions.

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Impervious gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye protection is not required under normal use conditions.

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:****Form:**

Paste

**Colour:**

Variable in colour, depending on the composition.

**Odour:**

Mild, characteristic odour.

**Odour Threshold:**

No information available

**pH-Value:**

No information available

**Melting point/freezing point:**

No information available

**Initial Boiling Point/Boiling Range:**

No information available

**Flash Point:**

No information available

**Flammability:**

Product is not flammable.

**Auto-ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

**Explosion Limits:****Lower:**

No information available

**Upper:**

No information available

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<b>Vapour Pressure:</b>	No information available
<b>Density:</b>	No information available
<b>Relative Density at 20 °C:</b>	1.053
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>Solubility in Solvents:</b>	Soluble in organic solvents.
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity:</b>	No information available

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Extreme temperatures and direct sunlight.

**Incompatible Materials:** Combustible materials.

**Hazardous Decomposition Products:** Oxides of carbon and silicon.

## 11 Toxicological Information

**Toxicity:**

### LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:

#### 13822-56-5 3-(trimethoxysilyl)propylamine

Oral	LD <sub>50</sub>	2.970 mg/L (rat)
Dermal	LD <sub>50</sub>	11.3 mL/kg (rabbit)
Inhalation	LC <sub>50</sub> /6 h	>5 ppm (rat)

#### 54068-28-9 Dioctylbis(pentane-2,4-dionato-O,O')tin

Oral	LD <sub>50</sub>	2500 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2000 mg/kg (rat)
Inhalation	LC <sub>50</sub> /4 h	1224 ppm (rat) (Vapours)

#### 63843-89-0 Propanedioic acid, [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butyl-, bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester

Oral	LD <sub>50</sub>	1490 mg/kg (rat)
Dermal	LD <sub>50</sub>	>3170 mg/kg (rat)
Inhalation	LC <sub>50</sub> /4 h	>460 mg/m <sup>3</sup> (rat) (Aerosol)

#### 2768-02-7 Silane, ethenyltrimethoxy-

Oral	LD <sub>50</sub>	7120 - 7236 mg/kg (rat)
Dermal	LD <sub>50</sub>	3.36 mL/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	16.8 mg/L (rat)

#### 13463-41-7 Zinc pyrithione

Oral	LD <sub>50</sub>	269 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2000 mg/kg (rat)
Inhalation	LC <sub>50</sub> /4 h	1.03 mg/L (rat) (Aerosol)

### Acute Health Effects

**Inhalation:** No adverse health effects expected.

**Skin:** No adverse health effects expected.

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**Eye:** Causes serious eye irritation.**Ingestion:** No adverse health effects expected.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

## 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:**

Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

<b>13822-56-5 3-(trimethoxysilyl)propylamine</b>	
EC <sub>50</sub> /5.75 h	43 mg/L (pseudomonas putida)
EC <sub>50</sub> /48 h	331 mg/L (daphnia)
EC <sub>50</sub> /72 h	>1000 mg/L (green algae)
LC <sub>50</sub> /96 h	>934 mg/L (brachydanio rerio)
<b>54068-28-9 Dioctylbis(pentane-2,4-dionato-O,O')tin</b>	
EC <sub>50</sub> /24 h	300 mg/L (scenedesmus subspicatus)
EC <sub>50</sub> /48 h	58.6 mg/L (daphnia)
LC <sub>50</sub> /96 h	86 mg/L (fish)
<b>63843-89-0 Propanedioic acid, [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butyl-, bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester</b>	
EC <sub>50</sub> /72 h	61 mg/L (scenedesmus subspicatus)
LC <sub>50</sub> /96 h	>100 mg/L (brachydanio rerio)
<b>2768-02-7 Silane, ethenyltrimethoxy-</b>	
EC <sub>50</sub> /7 days	210 mg/L (pseudokirchnerie lla subcapitata)
EC <sub>50</sub> /48 h	168.7 mg/L (daphnia)
LC <sub>50</sub> /96 h	191 mg/L (rainbow trout)
<b>13463-41-7 Zinc pyrithione</b>	
EC <sub>50</sub> /48 h	0.051 mg/L (daphnia)
EC <sub>50</sub> /48 h	0.051 mg/L (pseudokirchnerie lla subcapitata)

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EC <sub>50</sub> /96 h	0.0104 mg/L (brachydanio rerio)
EC <sub>50</sub> /3 h	2.4 mg/L (activated sludge inhibition)

**Persistence and Degradability:** Contains non readily biodegradable component(s).**Bioaccumulative Potential:** Does not contain bioaccumulative component(s).**Mobility in Soil:** Contains component(s) that adsorb(s) into the soil.**Other adverse effects:**

Ground water pollutant.

Not classified as dangerous for the ozone layer.

None of the known components is included in the list of fluorinated greenhouse gases

## 13 Disposal considerations

**Disposal Methods and Containers:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport information

**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

## 15 Regulatory information

**Australian Inventory of Chemical Substances:**

13822-56-5	3-(trimethoxysilyl)propylamine
63843-89-0	Propanedioic acid, [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butyl-, bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester
2768-02-7	Silane, ethenyltrimethoxy-
13463-41-7	Zinc pyrithione

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not Scheduled.

## 16 Other information

**Date of Preparation or Last Revision:** 30.05.2017**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flammable Liquids 4: Flammable liquids – Category 4

Acute Toxicity (Oral) 3: Acute toxicity – Category 3

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

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Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2  
Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1  
Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A  
Skin Sensitisation 1: Skin sensitisation, Hazard Category 1  
Toxic To Reproduction 2: Reproductive toxicity – Category 2  
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1  
Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3  
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

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