

# Material Safety Data Sheet

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## SOIL SOAKER

### **SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking**

#### **1.1 Product Identifier**

Product Name	SOIL SOAKER
Substance Name	Alkoxylate

#### **1.2 Relevant identified uses of the Substance or Mixture and uses advised against**

Identified Uses	Wetting agent/soil penetrant
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#### **1.3 Details of the Supplier of the Safety Data Sheet**

Supplier	Angus Horticulture Limited Polmood Guthrie FORFAR DD8 2TW +44 (0) 1241 829049 +44 (0) 1241 829043
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#### **1.4 Emergency Contact Number**

+44 (0) 1674 674253/674352

### **SECTION 2 Hazards Identification**

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

##### **Classification (Regulation (EC) No 1272/2008)**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

##### **Classification (67/548/EEC, 1999/45/EC)**

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

#### **2.2 Label Elements**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### **2.3 Other Hazards**

Skin contact	May irritate skin.
Eye contact	May irritate eyes.
Ingestion	May cause irritation to mucous membranes.
Inhalation	May cause irritation of respiratory tract.



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

Clean-up procedures                      Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

6.4 Reference to other sections      None.

## **SECTION 7 Handling and Storage**

### 7.1 Precautions for safe handling

Advice on safe handling                      Handle in accordance with good industrial hygiene and safety practice.

Advice on protection against fire and explosion                      Normal measures for preventive fire protection.

Hygiene measures                              Handle in accordance with good industrial hygiene and safety practice.

### 7.2 Condition for safe storage, including any incompatibilities

Requirements for storage areas and containers                      Store in original container. Keep container tightly closed in a dry well-ventilated place.

Advice on common storage                      No special restrictions on storage with other products.

Other data    Stable under recommended storage conditions.

### 7.3 Specific end uses(s)

Recommendations                              N/A.

## **SECTION 8 Exposure Control/Personal Protection**

8.1 Control parameters                      Contains no substances with occupational exposure limit values.

### 8.2 Exposure Controls

#### Personal protective equipment

Eye protection                                  Safety glasses.

Hand protection

Remarks    For prolonged or repeated contact use protective gloves.

Skin and body protection                      Impervious clothing.

Respiratory protection                          No personal respiratory protective equipment normally required.

#### Environmental exposure controls

General advice                                  Prevent product from entering drains.

## **SECTION 9: Physical and Chemical Properties**

Appearance                                      Liquid  
Colour    almost colourless, light yellow.  
Odour    Mild  
Odour threshold                                  No data available  
pH    5-7, (as aqueous solution).  
Melting point/range                              -9° C  
Initial boiling point and range                  No data available  
Flash point    >230° C – Method: Open cup.

Evaporation rate	No data available
Flammability(solid, gas)	No data available
Upper flammability	No data available
Lower flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative vapour density	No data available
Density	1.03 g/cm <sup>3</sup> (25 <sup>0</sup> C)
Solubility(ies)	
Water solubility	soluble
Solubility in other solvents	soluble Solvent: ethanol
	Soluble Solvent: toluene
	Soluble Solvent: kerosene
	Insoluble Solvent: ethylene glycol
Partition coefficient n-octanol/water	No data available
Auto ignition temperature	390 <sup>0</sup> C
Thermal decomposition	No data available
Viscosity	Dynamic: 420mPa.s (25 <sup>0</sup> C) Kinematic: no data available
Explosive properties	Classification Code: no data available
Oxidising properties	No data available

## 9.2 Other information

Surface tension Not determined

## **SECTION 10 Stability and Reactivity**

### 10.1 Reactivity

No data available.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

#### Hazardous reactions

Stable under recommended storage conditions.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

#### Materials to avoid

Strong oxidising agents.

### 10.6 Hazardous decomposition products

No data available.

## **SECTION 11 Toxicological Information**

### 11.1 Information on toxicological effects

#### Acute Toxicity

##### Product

Acute - Oral LD50 Oral Rat estimated >5,000 mg/kg

Acute- Inhalation No data available

Acute –Dermal No data available

Skin corrosion/irritation

Product

Species: Rat

Results: No skin irritation

Serious eye damage/irritation

Product

Species: Rabbit

Results: Slight irritation

Respiratory or skin sensitisation

Product

Remarks: No data available.

Germ cell Mutagenicity

Product

Genotoxicity in vitro: Type – Ames test

Result - negative

Carcinogenicity

Product

Test substance: No data available.

Reproductive toxicity

Product

Effect on fertility: Test substance: No test data available.

STOT – single exposure

Product

Assessment: No data available.

Aspiration toxicity

Product

No data available.

Further information

Product

Remarks: No data available.

**SECTION 12 Ecological Information**

12.1 Toxicity

Product

Toxicity to Fish

LC50 (Oncorhynchus mykiss (rainbow trout) ) : >1,000 mg/l

Exposure time: 96h

Test Method: static test

12.2 Persistence and Degradability

Product

Biodegradation - Remarks: Expected to be biodegradable. This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bio-accumulative Potential

Product

Bioaccumulation

Remarks: No data available.

Partition coefficient:

Remarks: No data available.

n-octanol/water



### Inventories

AICS (Australia), DSL (Canada), IECSC (China), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA).

### 15.2 Chemical Safety Assessment

This information is not available.

## **SECTION 16 Other Information**

### **DISCLAIMER**

The information in the safety document applies only to the specific product detailed in Section 1 and is not necessarily correct for use with other chemicals/products.

The product information in this data sheet is, to the best of Angus Horticulture's knowledge, correct at the date of publication.

The Manufacturer or Supplier does not accept liability for any loss or damage resulting from reliance on this information. Final determination of the suitability of any product is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, it cannot be guaranteed that these are the only hazards that exist.

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