

# SAFETY DATA SHEET

<b>Product Name:</b>	<b>BARS SEAL</b>	<b>SDS Reference</b>	
<b>Version No.</b> 2	<b>Previous issue date</b> 12-03-2012	<b>Revision date</b>	25-08-2015

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

<b>1.1 Product identifier</b>	<b>Bars Seal Bulk</b>
<b>1.2 Use (s)</b>	Preventing water loss in cooling systems
<b>1.3 SDS Supplier</b>	Winplus Europe Limited The Officers' Mess, Royston Road, <b>Telephone +44 (0)1223 919711</b> Duxford, Cambs, UK CB22 4QH <b>Competent Person E-mail:</b> customerservice@winplus-europe.com
<b>1.4 Emergency Telephone</b>	01223 919711 (UK office hours, 09.00-17.00)

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE PRODUCT

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Not classified

#### 2.1.2 Additional information

See section 16 for full text of H statements

### 2.2 LABELLING ELEMENTS

#### 2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

<b>Pictogram(s):</b>	NONE	<b>Signal word</b>	NONE
<b>Hazard statement(s)</b>	NONE		
<b>Precautionary statement(s)</b>	NONE		
<b>Supplemental information</b>	SAFETY DATA SHEET AVAILABLE ON REQUEST		
<b>2.3 Other hazards</b>	None known		

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation** MIXTURE

### Hazardous Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
10-UNDECENOIC ACID, COMPD. WITH 2,2',2''-NITRILLO TRIS(ETHANOL)(1:1)	84471-25-0	282-908-9	Eye Irrit. 2 H319	<4.0%

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## **. FIRST AID MEASURES**

### **4.1 Description of measures**

<b>Inhalation</b>	No special measures necessary.
<b>Skin contact</b>	No special measures necessary.
<b>Eye contact</b>	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, seek medical advice
<b>Ingestion</b>	No special measures necessary.
<b>4.2 Most important effects/symptoms</b>	None known
<b>4.3 Immediate/special treatment</b>	Treat symptomatically.

## **5. FIRE FIGHTING MEASURES**

<b>5.1 Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder).
<b>5.2 Special hazards</b>	Decomposition products released in a fire should be considered as probably harmful if inhaled.
<b>5.3 Advice for fire fighters</b>	Wear self-contained breathing apparatus.

## **6. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions</b>	Adhere to personal protective measures (see sections 7 and 8).
<b>6.2 Environmental precautions</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>6.3 Methods and materials for cleaning up</b>	Take up as appropriate, e.g. sweep up into tightly closed containers. Label container and dispose of as prescribed.
<b>6.4 Reference to other sections</b>	See section 8 for personal protective equipment.

## **7. HANDLING & STORAGE**

<b>7.1 Precautions for safe handling</b>	Handle in accordance with good hygiene and safety practice.
<b>7.2 Conditions for safe storage</b>	Ensure adequate ventilation of storage area. Keep containers tightly closed, cool and dry.
<b>7.3. Specific end use(s)</b>	Preventing water loss in cooling systems

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>8.1 Controls parameters</b>	There are no occupational exposure limit values available. Comply with good practice. .
<b>8.2 Exposure controls</b>	
<b>Engineering controls</b>	Provide adequate ventilation (e.g. room ventilation is normally sufficient)
<b>Personal protection</b>	Observe normal standards for handling chemicals. . Avoid inhalation, and contact with eyes and skin Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Not normally required
<b>Skin protection</b>	Not normally required

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection      Not required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic physical and chemical properties

Physical form	Paste
Colour	No data available
Odour	Characteristic
Odour Threshold	Not determined
pH	Not determined.
Boiling pt / range	Not determined
Melting pt / range	Not determined
Flash point	Not applicable °C
Flammability	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not applicable
Auto-ignition temperature	Not determined
Decomposition temp.	Not applicable
Relative density	Not determined
Viscosity	Not determined
Vapour pressure	Not determined
Vapour density	Not applicable
Water solubility	Insoluble
Explosive properties	Not determined
Oxidising properties	Not determined
Partition coeff. Log <sub>Oct/water</sub>	Not determined
9.2 Other information	None known

## 10. STABILITY & REACTIVITY

10.1 Reactivity	Stable under normal conditions of handling
10.2 Chemical stability	Stable
10.3 Hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible material	None known
10.6 Hazardous decomposition products	None known

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 information on toxicological effects

<b>Acute toxicity</b>	LD <sub>50</sub> rat (oral)	mg/kg	No data available
<b>Dermal compatibility</b>	No data available		
<b>Mucous membrane compatibility</b>	No data available		
<b>Further information</b>	None known		

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	LC <sub>50</sub>	Aquatic organisms	ppm	No data available
<b>12.2 Degradability</b>	Not determined			
<b>12.3 Bioaccumulative potential</b>	Low, LogP <sub>ow</sub> :	Not determined		
<b>12.4 Mobility in soil</b>	Not determined			
<b>12.5 PBT/vPvB assessment</b>	No data available			
<b>12.6 Other adverse effects</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.			

## 13. DISPOSAL CONSIDERATIONS

<b>Advice on disposal</b>	In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
<b>Contaminated packaging</b>	Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

## 14. TRANSPORT INFORMATION

<b>14.1 United Nations number (ADR, IMDG, IATA)</b>	Not classified
<b>14.2 Proper shipping name (ADR, IMDG, IATA)</b>	Not classified
<b>14.3 Transport class(s) (ADR, IMDG, IATA)</b>	Not classified
<b>14.4 Packing group (ADR, IMDG, IATA)</b>	Not classified
<b>14.5 Environmental hazards (ADR, IMDG, IATA)</b>	The product should not be marked as a marine pollutant.
<b>14.6 Special procedures</b>	Not applicable
<b>14.7 Transport in bulk</b>	Not applicable

## 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations</b>	The product is classified in according with Regulation (EC) No 1272/2008 and Regulation (EC) No 1907/2006, on the basis of available information for the ingredients from supplier safety data sheets
<b>15.2 Chemical safety assessment</b>	Not applicable

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## 16. OTHER INFORMATION

**Further information** The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)

**Hazard statements referred to in sections 3**

H319: Causes serious eye irritation.

**Sources of data** Other suppliers' safety data sheets, ECHA C&L Inventory

**Date of issue** 25-08-2015

**This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties. The user has the responsibility to satisfy himself as to the suitability of the information for his own specific use.**