

## SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Ansulite ARC (Alcohol Resistant Concentrate)	Other Names	None
Recommended Use	The recommended use of this preparation is as a fire extinguishing agent.		
Supplier Name	Wormald	Address	Unit 1, 2-8 South Street Rydalmere, NSW 2116 AUSTRALIA
Telephone No.	133 166	Emergency Telephone No.	133 166 or 000
		Date Prepared	April 2008

## SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification	Not hazardous		
Safety Phrase(s)	Not available	Risk Phrase(s)	Not available

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE		
Chemical Identity of the Pure Substance	Common Name / Synonyms	CAS Number
Not applicable	Not applicable	Not applicable
MIXTURE		
Chemical Identity of Ingredients	Proportion of Ingredients	CAS Number
Proprietary mixture of hydrocarbon surfactants, fluorosurfactants, inorganic salts, high molecular weight, polysaccharide and water.	84.9 %	Not applicable
Diethylene glycol monobutyl ether	15.0 %	112-34-5
Dowacil 75	0.015 %	4080-31-3

## SECTION 4: FIRST AID MEASURES

Description of Necessary First Aid Measures	EYE CONTACT	Flush with large amounts of water. If irritation persists, seek medical attention.
	SKIN CONTACT	Wash thoroughly with soap and water. If irritation persists, seek medical attention.
	INHALATION	Remove victim to fresh air. Seek medical attention if discomfort continues.
	INGESTION	If patient is conscious, give large amount of water and induce vomiting. Seek medical help.
Medical Attention and Special Treatment	See above.	
Aggravated Medical Conditions Caused by Exposure	Prior disease of the kidney and liver.	

## SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media	This is an extinguishing agent	Hazards From Combustion Products	None known, oxides of nitrogen and sulphur may be formed.
Special Protective Precautions and Equipment for Fire Fighters	None	Hazchem Code	Not hazardous

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Prevent skin and eye contact.
Methods and Materials for Containment and Clean Up	Use an absorbent material such as sawdust, and sweep up. As much as possible, keep from being washed into surface water.

## SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling	Care should be taken in handling all chemical substances and preparations.
Conditions for Safe Storage, Including any Incompatibilities	No special conditions are needed for safe storage. Store in original container. Keep tightly closed until used. As much as possible, keep from being washed into surface water.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards	Not applicable	Biological Limit Controls	Not available
Engineering Controls	Not available	Personal Protection Equipment	Chemical goggles, and rubber or latex gloves.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Straw yellow coloured liquid	Odour	Mild sweet odour
pH	6.5-8.5	Vapour Pressure	Not determined
Vapour Density (air = 1)	<1	Boiling Point / Range	97°C
Freezing / Melting Point (specify)	Not available	Solubility in Water	Completely soluble
Specific Gravity or Density	1.005	Flash Point	None to boiling
Upper and Lower Flammable (explosive) Limits in Air	Not explosive	Ignition Temperature	Does not ignite

**SECTION 10: STABILITY AND REACTIVITY**

Chemical Stability	Stable	Conditions to Avoid	None
Incompatible Materials	Reactive metals, electrically energized equipment, any material reactive with water.	Hazardous Decomposition Products	None known, oxides of nitrogen and sulphur may be formed.
Hazardous Reactions	None		

**SECTION 11: TOXICOLOGICAL INFORMATION**

Health Effects From the Likely Routes of Exposure	EYE CONTACT	May cause mild to moderate transient irritation.
	SKIN CONTACT	May cause mild transient irritation and/or dermatitis.
	INHALATION	Not an expected route of entry.
	INGESTION	Irritating to mucous membranes. Large oral dose could produce narcosis.
Acute Overexposure	See above	
Chronic Overexposure	Kidney, liver, gastrointestinal and spleen.	

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity	<p>Components:</p> <p>Diethylene glycol monobutyl ether:</p> <p>Fish, Lepomis macrochirus: LC<sub>50</sub> (96 hrs) 1300 mg/L.</p> <p>Carrassius auratus: LC<sub>50</sub> (24 hrs) 2700 mg/L.</p> <p>Daphnids, Daphnia magna: EC<sub>50</sub> (24 hrs) 3184 mg/L.</p> <p>Algae, Scenedesmus subspicatus: EC<sub>50</sub> (96 hrs) &gt;100 mg/L.</p>
Mobility	Diethylene glycol monobutyl ether: Should not partition from a water column to organic matter contained in sediments and suspended solids.
Persistence and Degradability	Diethylene glycol monobutyl ether: Indirect photodegradation is about 50 % in 3.5 hours. Aerobic degradation with adapted activated sludge is 60 % after 28 days. COD = 2080 mg/g substance. BOD <sub>5</sub> = 250 mg O <sub>2</sub> /g substance. Theoretical oxygen demand = 2.17 mg/mg.
Bioaccumulative Potential	Diethylene glycol monobutyl ether: Should not bioaccumulate. Estimated bioaccumulation factor (log BCF) = 0.46.
Environmental Fate (Exposure)	<p>Ozone depletion potential: None</p> <p>Photochemical ozone creation potential: None</p> <p>Global warming potential: None</p>

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal Methods and Containers	As much as possible, keep from being washed into surface water. Dispose of in compliance with local, state and Commonwealth regulations that may be in force.
Special Precautions for Landfill or Incineration	Not available

**SECTION 14: TRANSPORT INFORMATION**

UN Number	Not available	UN Proper Shipping Name	Not available
Class and Subsidiary Risk	Not available	Packing Group	Not available
Special Precautions for User	None	Hazchem Code	Not hazardous

**SECTION 15: REGULATORY INFORMATION**

The regulatory status of a material (including its ingredients) under relevant Australian health, safety and environmental legislation.	Not available
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**SECTION 16: OTHER INFORMATION**

Date of Preparation	April 2008
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END OF MSDS

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Contact Us

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