

MATERIAL SAFETY DATA SHEET

Ansulite 6 % AFFF (ICAO-B)

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Ansulite Formulation 1559-22 6 % ICAO-B Foam Concentrate	Other Names	None
Recommended Use	The intended or 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	May 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
Water	75-85 %	7732-18-5
Diethylene Glycol Monobutyl Ether	7.9 %	112-34-5
Propylene Glycol	1-2 %	57-55-6
Amphoteric Perfluoroalkyl Surfactant	<1 %	Not applicable
Non-Ionic Perfluoroalkyl-thio-surfactant	<0.5 %	Not applicable
Synthetic Alkylsulfate Surfactants	1-2 %	Not applicable
Alkyl Polyglycoside Surfactant	1-2 %	132778-08-6
Magnesium Sulphate Heptahydrate	0.5-1.5 %	7487-88-9
Tolytriazole	0.02 %	29385-43-1

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 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 amounts of water and induce vomiting. Seek medical attention.
Medical Attention and Special Treatment	See above	
Aggravated Medical Conditions Caused by Exposure	Diseases of the kidney and liver.	

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media	This is an extinguishing agent	Hazards From Combustion Products	Carbon monoxide, oxides of sulphur. Hydrogen sulphide may form during bacterial decomposition under anaerobic conditions.
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	Stop leaks. Contain spill. Remove as much as possible. Place in a closed container for proper disposal. Wash spill area with large amounts of water to remove traces as material is very slippery. Prevent material from reaching sewers or waterways to avoid nuisance foaming.

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. There is minimal danger to the environment from storage release.

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	Clear straw coloured liquid	Odour	Mild sweet smell
pH	7.1	Vapour Pressure	0.9 at 25 °C approximately
Vapour Density (air = 1)	0.7 approximately	Boiling Point / Range	101 °C
Freezing / Melting Point (specify)	Not available	Solubility in Water	Completely soluble
Specific Gravity or Density	1.012	Flash Point	None
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 energised equipment, any materials reactive with water, strong oxidisers.	Hazardous Decomposition Products	Carbon monoxide, oxides of sulphur. Hydrogen sulphide may form during bacterial decomposition under anaerobic conditions.
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	May cause irritation of the upper respiratory tract.
	INGESTION	May cause gastrointestinal irritation. Large doses could produce narcosis.
Acute Overexposure	See above	
Chronic Overexposure	Delayed kidney or liver damage is possible.	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Mobility	Not available
Persistence and Degradability	Not available
Bioaccumulative Potential	Not available
Environmental Fate (Exposure)	Ozone depletion potential: None Photochemical ozone creation potential: None Global warming potential: None

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 applicable	UN Proper Shipping Name	Not applicable
Class and Subsidiary Risk	Not applicable	Packing Group	Not applicable
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

SECTION 16: OTHER INFORMATION

Date of Preparation

May 2008

END OF MSDS