

**ANSULITE 6% AFFF (ICAO-B)**

Product Code: 1010-2-041ANa

Issue Date: 07-25-2013

**1. Product and Company Identification**

Material name	ANSULITE 6% AFFF (ICAO-B)
Version #	01
Revision date	07-25-2013
CAS #	Mixture
Product Code Product	1010-2-041ANa
Recommended Use	Fire extinguishing agent
Importer / Supplier	Tyco Fire Protection Products
Address	Level 3, 95 Coventry Street, Southbank, Australia-Victoria 3006
Telephone Number	613 0313 9711
Emergency telephone No. (CHEMTREC)	612 9037 2994 (Australia) 1 703 527 3887 (International)

**2. Hazards Identification**

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.  
(Classified as non-hazardous according to the criteria of NOHSC)

**3. Composition / Information on Ingredients**

Components	CAS #	Percent
Components below reportable levels		> 90
Butyl Carbitol	112-34-5	5 - 10
D-Glucopyranoside C9-C11 Oligomer	132778-08-6	1 - 5

**4. First Aid Measures**

First aid procedures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.
Skin contact	Wash off with warm water and soap. Get medical attention if irritation develops and persists.
Inhalation	Move to fresh air. For breathing difficulties, oxygen may be necessary. Get medical attention, if needed.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. <b>IF SWALLOWED:</b> Immediately call a POISON CENTER or doctor/physician. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Notes to physician: Symptoms may be delayed.

General advice: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

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## 5. Fire Fighting Measures

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Flammable properties	No unusual fire or explosion hazards noted.
Extinguishing media	
Suitable extinguishing media	This product is not flammable. Use extinguishing agent suitable for type of surrounding fire.
Protection of firefighters	
Specific hazards arising from the chemical	None known.
Specific methods	In the event of fire, cool tanks with water spray.
Hazardous combustion products	May include oxides of nitrogen.

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## 6. Accidental Release Measures

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Personal precautions	Local authorities should be advised if significant spillages cannot be contained. Surfaces may become slippery after spillage.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
Methods for containment	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.
Methods for cleaning up	Should not be released into the environment.  Large Spills: Dike far ahead of spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece).  Never return spills in original containers for re-use. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination.

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## 7. Handling and Storage

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Handling	Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure. Handle and open container with care.
Storage	Store in cool place. Store in a well-ventilated place. Keep container tightly closed. Keep out of the reach of children. Use care in handling/storage.

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## 8. Exposure Controls / Personal Protection

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Personal protective equipment	
Eye / face protection	Do not get in eyes. Wear approved chemical safety glasses or goggles where eye exposure is reasonably probable.
Skin protection	Wear appropriate chemical resistant clothing. Chemical resistant gloves.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General hygiene considerations	When using do not smoke. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical & Chemical Properties

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Appearance	
Form	Liquid.
Color	Pale amber.
Odor	Characteristic
Physical state	. Liquid.
pH	Not available
Melting point	Not available.
Freezing point	Not available.
Boiling point	>212 °F (>100 °C)

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Flash point	Not available.
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	1.02
Relative density	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	Not available.

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## 10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	None known.
Incompatible materials	Alkaline metals. Strong acids, alkalies and oxidizing agents.
Hazardous decomposition products	Nitrogen oxides (NOx). Sulfur oxides. Carbon oxides.

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## 11. Toxicological Information

Toxicological information	The toxicity of this product has not been tested.	
Toxicological data		
Components		Test Results
Butyl Carbitol (112-34-5)		Acute Dermal LD50 Rabbit: 2700 mg/kg Acute Oral LD50 Guinea pig: 2000 mg/kg Acute Oral LD50 Rabbit: 2200 mg/kg Acute Oral LD50 Rat: 6560 mg/kg Acute Other LD50 Mouse: 850 mg/kg Acute Other LD50 Rat: 500 mg/kg
Local effects	Components of the product may be absorbed into the body through the skin. Contact may irritate or burn eyes.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	

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## 12. Ecological Information

Ecotoxicological data		
Components		Test Results
Butyl Carbitol (112-34-5)		EC50 Algae: > 100 mg/l 96.00 Hours EC50 Water flea (Daphnia magna): 3184 mg/l 24.00 hours LC50 Bluegill (Lepomis macrochirus): 1300 mg/l 96.00 hours
Ecotoxicity	Contains a substance which causes risk of hazardous effects to the environment.	
<b>Bioaccumulation</b>	Not available.	
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.	
<b>Aquatic toxicity</b>	Not available.	

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### 13. Disposal Considerations

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Disposal instructions      Dispose of contents/container in accordance with local, state and Commonwealth regulations.

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### 14. Transport Information

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#### ADG, IATA, IMDG

Not regulated as dangerous good.

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### 15. Regulatory Information

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#### National regulations

This Material Safety Data Sheet was prepared in accordance with the Australia National Code of Practice for the Preparation of Material Safety Data Sheets (NOHSC: 2011).

#### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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### 16. Other Information

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#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### Issue date

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