

**Product Name**      **FOAM-BRITE CLEANER**

---

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

---

**Supplier name**                      **GO DISTRIBUTION**  
**Address**                              2882 Midland Highway, Lima South , VIC, 3673, AUSTRALIA  
**Telephone**                          (03) 5768 2488  
**Fax**                                      (03) 5768 2688  
**Emergency**                         (08) 9322 1711  
**Synonym(s)**                         FOAM BRITE CLEANER • R-FCC/1, R-FCC/5, R-FCC/20 - PRODUCT CODE  
**Use(s)**                                 CONDENSER CLEANER  
**SDS date**                             01 September 2014

---

**2. HAZARDS IDENTIFICATION**

---

**CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA**

**Risk Phrases**  
R36/38                                  Irritating to eyes and skin.

**Safety Phrases**  
S24/25                                 Avoid contact with skin and eyes.

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

<b>UN Number</b>	None Allocated	<b>Transport Hazard Class</b>	None Allocated
<b>Packing Group</b>	None Allocated	<b>Hazchem Code</b>	None Allocated

---

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

---

<b>Ingredient</b>	<b>Identification</b>	<b>Classification</b>	<b>Content</b>
COCOAMIDOPROPYL BETAINE	CAS: 61789-40-0 EC: 263-058-8	Not Available	>5%
DYE(S)	Not Available	Not Available	>0.005%
PROPYLENE GLYCOL (PROPANE-1,2-DIOL)	CAS: 57-55-6 EC: 200-338-0	Not Available	>12.5%
SODIUM METASILICATE	CAS: 10213-79-3 EC: None	Not Available	>2%
WATER	CAS: 7732-18-5 EC: 231-791-2	Not Available	>82%

---

**4. FIRST AID MEASURES**

---

**Eye**                                      If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation**                              If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

**Skin**                                      If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Ingestion**                                For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

**Product Name**      **FOAM-BRITE CLEANER**

**Advice to doctor**                      Treat symptomatically.  
**First aid facilities**                      Eye wash facilities and safety shower should be available.

---

## 5. FIRE FIGHTING MEASURES

---

**Flammability**                              Non flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. May evolve sodium oxides when heated to decomposition.  
**Fire and explosion**                      Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.  
**Extinguishing**                              Use an extinguishing agent suitable for the surrounding fire.  
**Hazchem code**                              None Allocated

---

## 6. ACCIDENTAL RELEASE MEASURES

---

**Personal precautions**                      Wear Personal Protective Equipment (PPE) as detailed in Section 8. Contact emergency services where appropriate.  
**Environmental precautions**                      Prevent product from entering drains and waterways.  
**Methods of cleaning up**                      Contain spillage, then cover/absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.  
**References**                                      See Sections 8 and 13 for exposure controls and disposal.

---

## 7. STORAGE AND HANDLING

---

**Storage**                                      Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.  
**Handling**                                      Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

---

### Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propane-1,2-diol (particulates only)	SWA (AUS)	--	10	--	--
Propane-1,2-diol (total vapour & particulates)	SWA (AUS)	150	474	--	--

**Biological limits**                              No biological limit allocated.  
**Engineering controls**                      Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

**PPE**

**Eye / Face**                                      Wear splash-proof goggles.  
**Hands**    Wear PVC or rubber gloves.  
**Body**    When using large quantities or where heavy contamination is likely, wear coveralls.  
**Respiratory**                                      Where an inhalation risk exists, wear a Type A (Organic vapour) respirator.



---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

---

Appearance	CLEAR RED LIQUID
Odour	SLIGHT ODOUR
Flammability	NON FLAMMABLE
Flash point	NOT RELEVANT
Boiling point	> 100°C
Melting point	NOT AVAILABLE
Evaporation rate	<1 (Ethyl acetate = 1)
pH	9.5 to 10.5
Vapour density	> 1 (Air = 1)
Specific gravity	1.10
Solubility (water)	SOLUBLE
Vapour pressure	1 mm Hg @ 20°C
Upper explosion limit	NOT RELEVANT
Lower explosion limit	NOT RELEVANT
Partition coefficient	NOT AVAILABLE
Autoignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Explosive properties	NOT AVAILABLE
Oxidising properties	NOT AVAILABLE
Odour threshold	NOT AVAILABLE
% Volatiles	NOT AVAILABLE

---

**10. STABILITY AND REACTIVITY**

---

Chemical stability	Stable under recommended conditions of storage.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to avoid	Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid) and alkalis (eg. sodium hydroxide).
Hazardous Decomposition Products	May evolve carbon oxides and hydrocarbons when heated to decomposition.
Hazardous Reactions	Polymerization is not expected to occur.

---

**11. TOXICOLOGICAL INFORMATION**

---

Health Hazard Summary	May be harmful - irritant. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. Due to the low vapour pressure of this product, an inhalation hazard is not anticipated unless heated, sprayed or used in poorly ventilated areas. Chronic exposure to some glycols may result in liver and kidney damage.																				
Eye	Irritant. Contact may result in irritation, lacrimation, pain and redness.																				
Inhalation	Low to moderate toxicity. Over exposure may result in headache and nausea. Chronic exposure may result in kidney and liver damage. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use.																				
Skin	Irritant. Contact may result in irritation, redness, rash and dermatitis.																				
Ingestion	May be harmful. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.																				
Toxicity data	<p>PROPYLENE GLYCOL (PROPANE-1,2-DIOL) (57-55-6)</p> <table><tr><td>LD50 (ingestion)</td><td>&gt; 2080 mg/kg (quail)</td></tr><tr><td>LD50 (intraperitoneal)</td><td>6660 mg/kg</td></tr><tr><td>LD50 (intravenous)</td><td>2600 mg/kg (dog)</td></tr><tr><td>LD50 (skin)</td><td>20800 mg/kg (rabbit)</td></tr><tr><td>LD50 (subcutaneous)</td><td>17370 mg/kg (mouse)</td></tr><tr><td>LDLo (intramuscular)</td><td>6300 mg/kg (rabbit)</td></tr><tr><td>LDLo (subcutaneous)</td><td>15500 mg/kg (guinea pig)</td></tr><tr><td>TDL0 (ingestion)</td><td>79 g/kg/56 weeks intermittently (child)</td></tr></table> <p>SODIUM METASILICATE (10213-79-3)</p> <table><tr><td>LD50 (ingestion)</td><td>770 mg/kg (mouse - gastrointestinal ulceration)</td></tr><tr><td>LDLo (ingestion)</td><td>250 mg/kg (dog - lungs, gastrointestinal, kidney)</td></tr></table>	LD50 (ingestion)	> 2080 mg/kg (quail)	LD50 (intraperitoneal)	6660 mg/kg	LD50 (intravenous)	2600 mg/kg (dog)	LD50 (skin)	20800 mg/kg (rabbit)	LD50 (subcutaneous)	17370 mg/kg (mouse)	LDLo (intramuscular)	6300 mg/kg (rabbit)	LDLo (subcutaneous)	15500 mg/kg (guinea pig)	TDL0 (ingestion)	79 g/kg/56 weeks intermittently (child)	LD50 (ingestion)	770 mg/kg (mouse - gastrointestinal ulceration)	LDLo (ingestion)	250 mg/kg (dog - lungs, gastrointestinal, kidney)
LD50 (ingestion)	> 2080 mg/kg (quail)																				
LD50 (intraperitoneal)	6660 mg/kg																				
LD50 (intravenous)	2600 mg/kg (dog)																				
LD50 (skin)	20800 mg/kg (rabbit)																				
LD50 (subcutaneous)	17370 mg/kg (mouse)																				
LDLo (intramuscular)	6300 mg/kg (rabbit)																				
LDLo (subcutaneous)	15500 mg/kg (guinea pig)																				
TDL0 (ingestion)	79 g/kg/56 weeks intermittently (child)																				
LD50 (ingestion)	770 mg/kg (mouse - gastrointestinal ulceration)																				
LDLo (ingestion)	250 mg/kg (dog - lungs, gastrointestinal, kidney)																				

SODIUM METASILICATE (10213-79-3)  
TDL<sub>o</sub> (ingestion) 15 g/kg (rat - effects on newborn)

---

**12. ECOLOGICAL INFORMATION**

---

<b>Toxicity</b>	No information provided.
<b>Persistence and degradability</b>	No information provided.
<b>Bioaccumulative potential</b>	No information provided.
<b>Mobility in soil</b>	No information provided.
<b>Other adverse effects</b>	ATMOSPHERE: Vapour phase glycols are expected to degrade fairly rapidly by reaction with hydroxyl radicals (eg half-life 32 hours for propylene glycol). Removal from air by rainfall is possible. WATER: Should degrade relatively rapidly via biodegradation. SOIL: If released to soil, relatively rapid biodegradation should also occur. Leaching to groundwater may occur.

---

**13. DISPOSAL CONSIDERATIONS**

---

<b>Waste disposal</b>	For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

---

**14. TRANSPORT INFORMATION**

---

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA**

	<b>LAND TRANSPORT (ADG)</b>	<b>SEA TRANSPORT (IMDG / IMO)</b>	<b>AIR TRANSPORT (IATA / ICAO)</b>
<b>UN Number</b>	None Allocated	None Allocated	None Allocated
<b>Proper Shipping Name</b>	None Allocated	None Allocated	None Allocated
<b>Transport Hazard Class</b>	None Allocated	None Allocated	None Allocated
<b>Packing Group</b>	None Allocated	None Allocated	None Allocated

**Environmental hazards** No information provided**Special precautions for user****Hazchem code** None Allocated

---

**15. REGULATORY INFORMATION**

---

<b>Poison schedule</b>	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
<b>Inventory Listing(s)</b>	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt. <b>NEW ZEALAND: NZIoC (New Zealand Inventory of Chemicals)</b> All components are listed on the NZIoC inventory, or are exempt.

---

**16. OTHER INFORMATION**

---

<b>Additional information</b>	RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.
-------------------------------	---

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**Abbreviations**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	EC No - European Community Number
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration, 50% / Median Lethal Concentration
LD50	Lethal Dose, 50% / Median Lethal Dose
mg/m <sup>3</sup>	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm	Parts Per Million
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL	Short-Term Exposure Limit
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

**Revision history**

Revision	Description
1.2	Standard SDS Review
1.1	Standard SDS Review
1.0	Standard SDS Review

**Report status**

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

**Prepared by**

Risk Management Technologies  
5 Ventnor Ave, West Perth  
Western Australia 6005  
Phone: +61 8 9322 1711  
Fax: +61 8 9322 1794  
Email: info@rmt.com.au  
Web: www.rmt.com.au.

**Product Name**      **FOAM-BRITE CLEANER**

**Revision:** 1.2  
**SDS Date:** 01 September 2014

**End of SDS**