

FOAM-BRITE CONDENSER CLEANER

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	HSNO CODE	
Foam-Brite Cleaner	Health	3
PRODUCT CODES	Flammability	0
R-FCC/1, R-FCC/5, R-FCC/20	Reactivity	1
CHEMICAL FAMILY	PPI	D
Inorganic base		
USE		
Condenser cleaner		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.	
GreenEarth Solutions Ltd	Poisons Information Centre	
PO Box 64-125	New Zealand 0800-764-766	
Botany, Auckland NZ 2142	Australia 13-1126	
DATE OF PREPARATION	TECHNICAL SERVICE TELEPHONE NO.	
1st August, 2012	0064-9-272 4141	

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS
>12.5%	57-55-6	Propylene Glycol	
>5%	61789-40-0	Non-ionic surfactant blend	
>2%	10213-79-3	Sodium Metasilicate	
>0.005%		Food grade colour dye	
>82%	7732-18-5	Water	

ACGIH TLV	CL 2	mg/m3
OSHA PEL	CL 2	mg/m3

Section 3 -- HAZARDS IDENTIFICATION 6.3A , 6.4A

Irritation to eyes, nose, and throat Skin irritation, dermatitis, and defatting.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION
Nasal and respiratory irritation, dizziness, narcosis, headache, nausea,

EYE CONTACT
Watering, blurred vision, inflammation, and irritation which can result in corneal injury.

SKIN CONTACT
Irritation, dermatitis.

INGESTION
Nausea, vomiting irritation of gastrointestinal tract,

SUMMARY OF CHRONIC HAZARDS
Skin irritation, contact dermatitis, and defatting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

Section 4 -- FIRST AID MEASURES

If INHALED: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

If on SKIN: Flush with large amounts of water. If irritation or burns occur, seek immediate medical attention.

If in EYES: Flush with large amounts of water for at least 15 minutes. Get medical attention if irritation persists.

If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give any thing by mouth to an unconscious person.

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Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
None	N/A	N/A

EXTINGUISHING MEDIA
Use agents suitable for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10). Dike area as run-off may create additional environmental contamination

UNUSUAL FIRE AND EXPLOSION HAZARDS: Decomposition forms toxic fumes of sodium oxide. Flammable gas may be produced on contact with metals.

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Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep people away. Wear chemical protective clothing. Stop discharge if possible. Isolate and remove discharged material. Flush and clean area with water

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Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use. Store only in polyethylene or glass containers. DO NOT USE METAL CONTAINERS.

OTHER PRECAUTIONS: Do not permit workers to handle product without proper training or proper protective equipment. Store in well-sealed containers, which are protected from physical damage. Empty containers may contain residues and vapours; treat as if full and observe all product precautions. Do not reuse container. KEEP OUT OF REACH OF CHILDREN.

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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined, poorly ventilated areas, use NIOSH/MSHA approved self-contained breathing apparatus. None required for normal use in adequately ventilated areas where TLV is not exceeded.
 VENTILATION - LOCAL EXHAUST: Acceptable
 SPECIAL: Explosion proof
 MECHANICAL (GENERAL): Preferable
 OTHER: N/A
 PROTECTIVE GLOVES: Rubber or neoprene
 EYE PROTECTION: Chemical splash goggles (ANSI Z-87.1 or equivalent)
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.
 WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >212 F (>100 C) @ 760mm Hg
 SPECIFIC GRAVITY (H2O = 1): 1.10
 VAPOR PRESSURE (mm Hg): 1 @ 77 F (20 C)
 MELTING POINT: N/A
 VAPOR DENSITY (AIR = 1): >1
 EVAPORATION RATE (ETHYL ACETATE = 1): <1
 pH 9.5 - 10.5
 APPEARANCE/ODOR: Clear Red Liquid/ Little or No Odour
 SOLUBILITY IN WATER: Soluble

Section 10 -- STABILITY AND REACTIVITY

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STABILITY: Stable
 CONDITIONS TO AVOID: None
 INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, acids and bases.
 HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO, and fragmented hydrocarbons.
 HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS
 No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA
 Ingredient Name

Propylene Glycol
 Oral-Rat LD50:N/D
 Inhalation-Rat LC50:N/D
 Sodium Metasilicate
 Oral-Rat LD50:1153 mg/kg
 Inhalation-Rat LC50:N/D

Section 12 -- Ecological Information

Product is not volatile, and is miscible with water. Concentrations of BioClean PG in the air are expected to be extremely low because of its low vapour pressure. It is readily biodegraded in water or soil (via aerobic and anaerobic mechanisms).

If a spill should occur, Foam-Brite partitions almost equally in water and soil. Relatively little will go into the air because of its low vapour pressure. Is not expected to bio-accumulate and is considered to be practically non-toxic to fish and aquatic invertebrates on an acute basis except at very high concentrations.

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 Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated liquid waste
 Disposal Method: Dispose of all liquid waste in accordance with all local, state and federal regulations.

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 Section 14 -- TRANSPORTATION INFORMATION

Road & Rail Transport: Not classified as a Dangerous Goods under NZS 5433:2007 Transport of Dangerous Goods on land.
 Marine Transport: Not classified as Dangerous Goods by the criteria of the international Air Transport Association (IATA)
 NON DANGEROUS GOODS

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 Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

Ingredient Name

Propylene Glycol		
SARA 313		No
TSCA Inventory		Yes
CERCLA RQ		N/A
RCRA Code		N/A
Sodium Metasilicate		
SARA 313		No
TSCA Inventory		Yes
CERCLA RQ		N/A
RCRA Code		N/A

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 Section 16 -- OTHER INFORMATION

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.