

SAFETY DATA SHEET

Item Code: N0707 & N0708

Section 1.	Identification of the material and the supplier
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Item Code:	N0707 : N0708
Product:	Foam-Brite Cleaner
Product Use:	Condenser Cleaner
New Zealand Supplier:	Realcold Ltd
Address:	9 Prescott Street Penrose, Auckland
Telephone:	09 526 5700
Fax Number:	09 526 5721
Emergency Telephone:	09 526 5700 0800 766 764 (National Poison Centre)
Manufacturer:	GreenEarth Solutions Ltd, PO Box 64-125, Botany
Date of MSDS Preparation:	14 March 2017 – Rev 2

Section 2.	Hazards Identification
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This substance has been determined by the manufacturer to be hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Group Standard & EPA Approval Code: Cleaning Products (subsidiary) – HSR002530

Pictograms



Toxic

HSNO Class.	Hazard Code	Hazard Statement	EU Risk Phrases
6.3A	H315	Causes skin irritation	R38
6.4A	H319	Causes serious eye irritation.	R36

Prevention Code	Prevention Statement
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P103	Read label before use.
P264	Wash contacted areas thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing

Response Code Response Statement

P391	Collect Spillage
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs get medical advice.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before re-use

Storage Code Storage Statement

None allocated	
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Disposal Code Disposal Statement

P501	Dispose of absorbed materials and liquid waste in accordance with all local authorities and regulations.
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Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Propylene Glycol	>12.5%	57-55-6
Non-Ionic Surfactant blend	>5%	61789-40-0
Sodium Metasilicate	>2%	10213-79-3
Food Grade Colour Dye	>0.005%	
Water	>82%	7732-18-5

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
If on Skin	Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance
If Swallowed	If swallowed, call a physician immediately. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Non combustible
Hazards from decomposition products	Decomposition forms toxic fumes of sodium oxide. Flammable gas may be produced on contact with metals.

Suitable Extinguishing media	Use agents suitable for surrounding fires.
Precautions for firefighters and special protective clothing	Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible. Dike area as run-off may create additional environmental contamination
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Keep people away. Wear chemical protective clothing. Stop discharge if possible. Isolate and remove discharged material. Flush and clean area with water

Section 7. Handling and Storage

Handling Do not permit workers to handle product without proper training or proper protective equipment.

Storage Keep container closed and upright when not in use. Store only in polyethylene or glass containers. DO NOT USE METAL CONTAINERS 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.

Section 8 Exposure Controls / Personal Protection

Engineering Controls LOCAL EXHAUST: Acceptable

Personal Protection
 Protective Gloves: Rubber or neoprene
 Eye Protection: Chemical splash goggles (ANSI Z-87.1 or equivalent)
 Other: overalls 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

Appearance Clear Red Liquid
Odour Little or no odour
Flash Point N/A
Boiling Point 100^oc @ 760 mg Hg
Vapour Pressure mm Hg 1 @ 20^o C
Specific Gravity 1.1
Solubility in Water Soluble
Evaporation rate (ethyl acetate = 1): <1
Vapor density (air = 1): >1

Section 10. Stability and Reactivity

Stability of Substance Stable
Conditions to Avoid Heat, sparks, open flames.

Incompatible Materials Acids, flammable liquids, organics, halogens, metals, nitro methane. When wet, attacks chemically active metals such as aluminium, tin, lead, and zinc to produce flammable hydrogen gas.

Hazardous Decomposition Products Decomposition forms toxic fumes of sodium oxide.

Section 11 Toxicological Information

Non-Ionic Surfactant blend 61789-40-0 = LD50 – oral (Rat) = 4900 mg / kg
Sodium Metasilicate 10213-79-3= LD50 – oral (Rat) = 1280mg/kg

Summary of acute hazards:

Exposure to human tissue will result in irritation and chemical burns.

Route of Exposure:

Eye Contact: Irritating to the eyes.

Skin Contact: Irritating to the skin.

Summary of chronic hazards

Exposure to human tissue will result in irritation and chemical burns.

Section 12. Ecotoxicological Information

Not known to be an environmental hazard

Section 13. Disposal Considerations

Dispose of absorbed materials and liquid waste in accordance with all local authorities and regulations.

Section 14 Transport Information

This products is not Classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

EPA Approval Code: **Cleaning Products (subsidiary) – HSR002530**

HSNO Classification: 6.3A, 6.4A

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not Required
Location Certificate	Not applicable
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	Not required
Emergency Response Plan trigger Quantities	Not required

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Product Name: Foam-Brite Cleaner Item No: N0707/8
Date of SDS: 23 November 2012

Issued by: Realcold Ltd
Tel: 09 526 5700

Disclaimer

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Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

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