

SAFETY DATA SHEET

Item Code: N0703

Section 1.	Identification of the material and the supplier
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Item Code:	N0703
Product:	Actabs
Product Use:	Evaporator Cooler Treatment
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:	The RectorSeal Corp, 2601 Spenwick Dr, Houston, USA
Date of MSDS Preparation:	14 March 2017 – ver 2

Section 2.	Hazards Identification
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The manufacturer has stated that this substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

Pictograms



Toxic



Corrosive

HSNO Class.	Hazard Code	Hazard Statement	EU Risk Phrases
6.1D (oral)	H302	Harmful if swallowed.	R22
6.3A	H315	Causes skin irritation.	R38
8.3A	H318	Causes serious eye damage.	R41

Prevention Code Prevention Statement

P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves & clothing.

Response Code Response Statement

P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before re-use.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
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/ attention.

Disposal Code Disposal Statement

P501	Dispose off according to Local Authorities or Regulations
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Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
n-Alkyl (98% C12, 2% C14)-dimethyl -1-naphthylmethyl ammonium chloride	20	53516-75-9
Sodium Tripolyphosphate	10	7758-29-4
Sodium Borate	20	1303-96-4
Sodium Carbonate	10	497-19-8
Urea	38	57-13-6
Starch	2	9005-25-8

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. Call a physician immediately.
If on Skin	Remove contaminated clothing and wash skin with warm soapy water. 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	None

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Suitable Extinguishing media	Use agents appropriate for surrounding fires
Precautions for firefighters and special protective clothing	Wear protective clothing.
HAZCHEM CODE	Not applicable

Section 6. Accidental Release Measures

Sweep up excess material to prevent footing hazard. Discard in trash.

Section 7. Handling and Storage
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Handling Avoid prolonged or repeated contact with skin or clothing.

Storage Store in dry place

Section 8 Exposure Controls / Personal Protection
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WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	CAS #	TWA		STEL	
		ppm	mg/m3	ppm	mg/m3
Starch	9005-25-6		10 ^(d)		

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls Local exhaust acceptable

Personal Protection

Respiratory: Normally none required. Use NIOSH/MSHA approved particulate Respirator for nuisance dust.

Hands: Wear rubber gloves

Eyes: Safety glasses (ANSI Z-87.1 or equivalent)

Other: Coveralls recommended. 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	White Tablet
Odour	None
Flash Point	None
Boiling Point	N/A
pH	7-8
Specific Gravity	2.28

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Solubility in Water

Soluble

Section 10. Stability and Reactivity

Stability of Substance	Stable
Conditions to Avoid	None
Incompatible Materials	None known
Hazardous Decomposition Products	None known

Section 11 Toxicological Information

n-Alkyl (98% C12, 2% C14)-dimethyl-1-naphthylmethyl ammonium chloride monohydrate
Oral-Rat LD50: >5000 mg/kg estimated ; inhalation-Rat LCLo:N/D

No ingredient in this product is listed as a carcinogen.

Section 12. Ecotoxicological Information

Not to considered hazardous to the environment

Section 13. Disposal Considerations

Non-regulated solid waste. Dispose of according to Local Regulations.

Section 14 Transport Information

The Manufacturer has stated that this substance is **not** classified as a Dangerous Good for transport based on UNRTDG (in NZ ; NZS 5433:2007)

Section 15 Regulatory Information

EPA Approval : Group Standard: Water Treatment Chemicals (Subsidiary Hazard) – HSR002684

HSNO Classification: 6.1D, 6.3A, 8.3A

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	1000L (8.3A)
Emergency Response Plan trigger Quantities	1000L (6.1D)

Section 16 Other Information

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

Disclaimer

This document has been issued by Realcold Limited and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Realcold Limited or obtained from third party sources and is believed to represent the current state of

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

Issue Date: 11 January 2012

Review Date: 11 January 2017