

Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name: Solly's Freight 1978 Ltd.,

Address: 98a Commercial street
Takaka

New Zealand

Telephone +64+3+5259843

Emergency +64+277+3470

e-mail Krogulec@xtra.co.nz

Fax

Web Site

PRODUCT NAME Southwell AC

Use(s) Non Toxic SANITISER, PESTICIDE, WATER TREATMENT

Synonym(s)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
CHLORINE DIOXIDE	CIO ₂	1 gm/L	10049-04-4
WATER	H ₂ O	rest	7732-18-5

UN No. None Allocated

3. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA IN THE HS (MIN DEG OF HAZ) REGS 2001

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO NZS 5433

DG Class None Allocated

Subsidiary Risk(s) None Allocated

Hazchem Code None Allocated

Pkg Group None Allocated

EPG None Allocated

4. FIRST AID MEASURES

Eye Flush gently with running water for 15 minutes.

Skin Gently flush affected areas with water.

Inhalation If over exposure occurs leave exposure area immediately. If irritation persists or breathing becomes laboured in any way, seek medical attention.

Ingestion DO NOT induce vomiting. Immediately wash out mouth with water and then give water to drink. Seek medical attention.

Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

Fire and Explosion

Non flammable. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use water fog to cool intact containers and nearby storage areas.

Extinguishing Nonflammable.

Flammability Nonflammable. No fire or explosion hazard exists.

Hazchem Code None

6. ACCIDENTAL RELEASE MEASURES

Spillage - If spilt, mop up area and wash residue down with water. For large spills, wear safety glasses, PVC/rubber gloves, and a Type B (Inorganic and Acid gas) Respirator during cleanup. Caution spill site may be slippery.

7. STORAGE AND HANDLING

Handling

Store in cool, dry area, removed from foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use. Do not store above 30 C. The manufacturer recommends that this product is stored in an opaque container and should not be exposed to light (especially UV light). Keep container tightly sealed when not in use. Also store removed from acids.

Storage

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 (e.g. if container is damaged). Take care not to inhale vapours when pumping this product or transferring it into another container. This should only be done in a well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Ensure adequate natural ventilation. Do not handle the concentrated product in confined spaces with no airflow.

PPE Wear safety glasses and splash-proof goggles. With prolonged use, wear rubber or PVC gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	CLEAR YELLOW LIQUID
Odour:	CHLORINE-LIKE ODOUR
pH:	2.0 (Approximately)
Vapour Pressure:	18 mm Hg @ 20 C
Vapour Density:	NOT AVAILABLE
Boiling Point:	110 C
Melting Point:	< 0 C
Evaporation Rate:	AS FOR WATER
Exposure Standard:	NOT AVAILABLE

Solubility (water):	SOLUBLE
Specific Gravity:	1.05
% Volatiles:	> 60 % (Water)
Flammability:	NON-FLAMMABLE
Flash Point:	NOT RELEVANT
Upper Explosion Limit:	NOT RELEVANT
Lower Explosion Limit:	NOT RELEVANT
Autoignition Temp:	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Reactivity Compatible with most commonly used materials. Incompatible with acids (e.g. hydrochloric acid).

Decomposition Products May evolve toxic gases if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard

Summary

Low toxicity - low irritant. No adverse health effects are anticipated with normal use of this product.

Eye Low irritant. Exposure may result in irritation and lacrimation.

Inhalation Irritant. Over exposure at high levels may result in mucous membrane irritation of the nose, throat and lungs with coughing.

Skin Low irritant. Prolonged and repeated contact with the skin may result in mild irritation.

Ingestion Low toxicity. Ingestion may result in headache, nausea, vomiting, gastrointestinal irritation and diarrhoea.

Toxicity Data No LD50 data available for this product.

12. ECOLOGICAL INFORMATION

Environment This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bio-accumulate.

13. DISPOSAL CONSIDERATIONS

Waste Disposal No special precautions are required for the disposal of this product.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

UN No. None Allocated

DG Class None Allocated

Hazchem Code None Allocated

EPG None Allocated

Shipping Name None Allocated

Subsidiary Risk(s) None Allocated

Pkg Group None Allocated

15. REGULATORY INFORMATION

16. OTHER INFORMATION

ABBREVIATIONS:

mg/m³ - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert 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 Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

COLOUR RATING SYSTEM:

RMT has assigned all Chem Alert reports a colour rating of Green, Amber or Red for the sole purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline, a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

While all due care has been taken by RMT in the preparation of the Colour Rating System, it is intended as a guide only and RMT does not provide any warranty in relation to the accuracy of the Colour Rating System. As far as is lawfully possible, RMT accepts no liability or responsibility whatsoever for the actions or omissions of any person in reliance on the Colour Rating System.

Report Status This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer 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.

PRODUCT NAME **Southwell AC**

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, 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 MSDS.

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

End of Report

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