

SAFETY DATA SHEET

Date of Issue: 5.06.2012

Issue:3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: ANT KILLER GEL

DESCRIPTION & USE: Gel for use as bait to attract and kill ants

COMPANY IDENTIFICATION: Rentokil Initial
Level 1, 89 Carbine Road,
Mt Wellington, Auckland

Private Bag 92905, Onehunga,
Auckland 1643
Tel (+64) 9 - 573 7740
Fax (+64) 9 - 573 0264

Emergency Telephone Numbers: **National Poisons Centre**
Tel 0800 POISON (0800 764 766)

Emergency Service (Police, Fire, Ambulance)
Dial 111

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Product classified as hazardous according to Schedules 1 to 6 of the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 of the HSNO Act 1996.

ERMA Register No: HSR000957

HSNO Classifications: 6.8B, 9.1D



Signal word: WARNING

Hazard statements:

H361 Suspected of damaging fertility or the unborn child

H402 Harmful to aquatic life (classified for biocidal action)

ANT KILLER GEL

Prevention statements:

P103 Read label before use
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P273 Avoid release (by spillage) to environment
P281 Use personal protective equipment as required.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Common name	CAS. No	% w/w
Disodium octaborate tetrahydrate	12280-03-2	1.02
Other ingredients (nonhazardous)	proprietary	balance

4. FIRST AID MEASURES

Consult the National Poisons Centre, telephone 0800 764 766 [0800 POISON] or a doctor in every case of suspected poisoning. Have product label or container at hand.

EYES: Hold eyes open and carefully rinse eyes with running water. Remove contact lenses, if present and easy to do. Seek medical advice if irritation persists.

SKIN: Wash with soap and water and rinse thoroughly. Get medical attention if irritation persists.

INGESTION: Call a Poison Centre or doctor for advice. Do NOT induce vomiting unless told to do so by Poison Centre or doctor.

INHALATION: Not expected to be a route for exposure.

ADVICE TO DOCTOR: Treat symptomatically.

Observation only is required for an adult ingesting less than 6 g of disodium octaborate tetrahydrate. For ingestion in excess of 6 g, maintain adequate kidney function and force liquids. Gastric lavage is recommended for symptomatic patients only. Haemodialysis should be reserved for massive acute ingestion or patients with renal failure. Disodium octaborate tetrahydrate analysis of urine and blood are only useful for documenting exposure and should not be used to evaluate severity of exposure or as a guide to treatment.

5. FIRE FIGHTING MEASURES

FLASH POINT: Non flammable

FLAMMABLE LIMITS: LFL: Not applicable UFL: Not applicable

EXTINGUISHING MEDIA: Water fog, foam, CO₂, dry chemical.

FIRE & EXPLOSION HAZARDS: Avoid breathing smoke.

FIRE-FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and personal protection clothing.

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6. ACCIDENTAL RELEASE MEASURES

SPILLS: Contain spillage. Wear protective clothing./gloves/eye protection. Prevent contamination of waterways. Collect into suitable labeled container for disposal.

DISPOSAL: Dispose of unused product or contaminated material to an approved landfill in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING: Read label before use. Keep out of reach of children. Do not apply onto or into water. Avoid skin contact. Wash hands and exposed skin before eating, drinking or smoking and after work.

STORAGE: Store in closed original container in a cool dry place out of reach of children and pets, and away from food, drink and animal feedstuffs. Do not allow product to freeze.

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

EXPOSURE GUIDELINES: A Workplace Exposure Standard (WES), NZ Department of Labour, has been set for components similar to those in this product:

Borates, tetra, sodium salts, decahydrate WES-TWA 5 mg/m³

ENGINEERING CONTROLS: No specific requirements.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Face/Eye protection: No specific requirements.

Skin protection: The wearing of rubber gloves recommended.

Respiratory protection: No specific requirements.

Other: No specific requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Gel
Colour:	Clear or light green
Odour	Honey sweet
Melting point (°C):	Not known
Flash point (°C):	Non-flammable
Auto ignition temperature (°C):	Not known
Specific gravity at 20°C, g/ml:	1.1 - 1.2
Solubility in water:	Soluble
pH:	5.5

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Stable under normal storage and use conditions. Avoid extremes of temperature, e.g. below 0 °C and above 40 °C.

ANT KILLER GEL

INCOMPATIBILITY (MATERIALS TO AVOID): None identified.

HAZARDOUS DECOMPOSITION PRODUCTS: Irritating fumes/smoke may be evolved in the event of a fire.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which might occur if this product is not handled in the recommended manner.

EYE: May be mildly irritating in contact with eyes.

SKIN: Not classified as acutely toxic by skin contact or as a skin irritant.

INGESTION: Not classified as acutely toxic by ingestion.

INHALATION: Not classified as acutely toxic by inhalation.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: Borates are not classified as confirmed or suspected target organ or system toxicants. However should borate poisoning occur the central nervous system is stimulated leading to depression and effects on digestive system, may cause skin eruptions, and damage to the liver and kidneys.

CANCER INFORMATION: No adverse effects identified.

REPRODUCTIVE OR TERATOLOGY (BIRTH DEFECTS) DEFECTS: Boron compounds are identified as suspected reproductive toxicants based on animal studies at high doses. Prolonged ingestion of borate affects males and females. Borates can accumulate in the testes and deplete germ cells.

MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): No adverse effects identified.

TOXICOLOGY DATA:

Disodium octaborate tetrahydrate (100% active) Oral, LD₅₀ (rat) 2500 mg/kg b.w.

Ant Killer Gel (product) Oral, LD₅₀ (rat) > 10,000 mg/kg b.w.

Dermal, LD₅₀ (rabbit) > 10,000 mg/kg b.w.

Inhalation, LC₅₀ 4.51 mg/L

12. ECOTOXICITY INFORMATION

ENVIRONMENTAL FATE: Not likely to bioaccumulate.

MOVEMENT AND PARTITIONING: Components soluble in water and expected to be mobile.

DEGRADATION AND PERSISTENCE: Not specific product information available.

ECOTOXICOLOGY: Product is classified for biocidal action.

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13. DISPOSAL CONSIDERATIONS

Dispose of waste or contaminated materials in household rubbish to landfill. Dispose of container safely. Do not use for storage of other products as containers may contain hazardous residues.

14. TRANSPORT REGULATIONS

TRANSPORT:

UN Number: Not regulated

PROPER SHIPPING NAME:

Class:

Packing Group:

DANGEROUS GOODS SEGREGATION:

This product is not classified as a Dangerous Good for Land Transport. Please consult the Land Transport Rule: Dangerous Goods 2005 and NZS 5433:2012 *Transport of Dangerous Goods on Land* for further information.

15. REGULATORY INFORMATION

EPA Register : HSR000957

Refer to www.epa.govt.nz for applicable Controls under the HSNO Act 1996.

16. OTHER INFORMATION

Date of Issue: 5 June, 2012

Reason for issue: Formulation and HSNO approval number change; change ERMA to EPA.

Replaces: Safety Data Sheet dated 13 August 2010

Abbreviations:

EPA Environmental Protection Authority
HSNO Hazardous Substances and New Organisms
STEL Short Term Exposure Limit
TWA Time Weighted Average
WES Workplace Exposure Standard

References:

EPA website www.epa.govt.nz

Supplier Safety Data Sheets

Before using any product, read its label carefully and ensure that you understand its contents. This information is, to the best of our knowledge and belief, accurate and reliable at the date of publication. The information relates only to the specific material designated and may not be valid for such material if it is used in combination with any other material(s). Rentokil Initial Limited disclaims any liability for loss or damage suffered from the use of this information. This does not affect your statutory rights. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for his/her own particular use.

END of SAFETY DATA SHEET