

SAFETY DATA SHEET

Rentokil

The Experts in Pest Control

Date of Issue: 9.03.2018

Issue: 5

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: ANT KILLER GEL

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

COMPANY IDENTIFICATION : Rentokil Products NZ
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 Poison 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.

HSNO Register: 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)

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.

Response statements:

P308 + P313 IF exposed or concerned: Get medical advice.

Storage statements:

P405 Store locked up.

ANT KILLER GEL

Disposal statements:

P501 Dispose of product and containers in accordance with any local regulations.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Common name	CAS. No	% w/w
Disodium octaborate tetrahydrate	12280-03-2	<5.0
Other ingredients (non hazardous)	Proprietary	balance

4. FIRST AID MEASURES

If exposed or concerned seek medical advice. Consult the National Poison Centre, telephone 0800 764 766 [0800 POISON] or a doctor in every case of suspected poisoning. Have product label or this Safety Data Sheet at hand.

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

SKIN: Wash affected area with soap and water and rinse thoroughly. Wash and dry contaminated clothing before re-use.

INGESTION: Do NOT induce vomiting. Rinse mouth with water. Get medical advice.

INHALATION: Unlikely to be an exposure route.

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

EXTINGUISHING MEDIA: Water spray, water fog, foam, CO₂, dry chemical as suitable for surrounding materials.

FIRE & EXPLOSION HAZARDS: Avoid breathing smoke.

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

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Contain spillage. Wear gloves. Do not allow to contaminate drains, surface or ground water, and soil. Recover product into container for disposal.

DISPOSAL: Dispose of small amounts of unused product or contaminated material, wrapped up, in household rubbish. For larger quantities (more than single container) dispose of to an approved landfill in accordance with local regulations. Empty containers can be wrapped in paper and disposed of in normal rubbish collection.

ANT KILLER GEL

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 locked up so children and domestic pets cannot access. Store in closed original container in a cool dry place 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) 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

Appearance:	Clear or light green gel
Odour	Slight honey sweet odour
Odour threshold:	No information available
pH:	5.5
Melting point (°C):	Not available
Initial Boiling point/range ((°C):	Not applicable
Flash point (°C):	Not applicable
Flammability (solid, gas):	Non flammable
Upper/lower flammability limits:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density at 20°C:	1.1 - 1.2
Solubilities:	Soluble in water
Partition coefficient: n-octanol/water:	No data
Auto ignition temperature (°C):	Not known
Decomposition temperature:	Not known
Kinematic viscosity:	Not known

10. STABILITY AND REACTIVITY

CHEMICAL REACTIVITY AND STABILITY: Avoid extremes of temperature, i.e. below 0°C and above 40 °C.

HAZARDOUS POLYMERIZATION: Not known to occur.

INCOMPATIBILITY (MATERIALS TO AVOID): None identified.

ANT KILLER GEL

HAZARDOUS DECOMPOSITION PRODUCTS: Not specified.

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.

ACUTE TOXICITY: Not classified.

ASPIRATION HAZARD: Not classified.

RESPIRATORY IRRITATION: Not classified.

SKIN CORROSION/IRRITATION: May be slightly irritating to skin but is not classified as a skin irritant.

SERIOUS EYE DAMAGE/IRRITATION: May be slightly irritating to the eye but is not classified as an eye irritant.

RESPIRATORY OR SKIN SENSITISATION: Not classified.

GERM CELL MUTAGENICITY: Not classified.

CARCINOGENICITY: Not classified.

REPRODUCTIVE TOXICITY: Boron compounds are identified as suspected reproductive toxicants based on animal studies at high doses. Borates can accumulate in the testes and deplete germ cells.

SPECIFIC ORGAN TOXICITY: Borates are not classified as either confirmed nor 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.

NARCOTIC EFFECTS: Not classified.

TOXICOLOGICAL DATA:

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

Ant Killer Gel (product)	Oral, LD ₅₀ (rat)	> 10,000 mg/kg b.w.
	Dermal, LD ₅₀ (rabbit)	> 10,000 mg/kg b.w.
	Inhalation, LC ₅₀	4.51 mg/L

12. ECOTOXICITY INFORMATION

ECOTOXICITY: Classified as harmful to aquatic life (biocidal action).

DEGRADATION AND PERSISTENCE: No product specific information available.

BIOACCUMULATION: Data on product is not available.

MOBILITY IN SOIL: Soluble in water. Expected to be mobile in soil.

13. DISPOSAL CONSIDERATIONS

Dispose of small amounts of unused product or contaminated material, wrapped up, in household rubbish. For larger quantities (more than single container) dispose of to an approved landfill in accordance with local regulations.

Do not use empty packaging for storage of other products as containers may contain hazardous residues.

14. TRANSPORT REGULATIONS

TRANSPORT:

UN Number: Not classified
HAZCHEM: -
Class: -
Packing Group: III (or IV) - refer section 15

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

HSNO Register: HSR000957; Gourmet Ant Bait
Refer to www.epa.govt.nz for the applicable Controls under the HSNO Act 1996.

Product not required to be registered pursuant to the ACVM Act 1997 No. V004023.
See www.foodsafety.govt.nz.

16. OTHER INFORMATION

Date of Issue:	9.03.2018
Reason for issue:	Review and update Safety Data Sheet.
Replaces:	Safety Data Sheet dated 30.06.2017
Abbreviations:	
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms
Prothrombin	Term used to measure clotting time of blood
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