

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: YATES BLITZEM SNAIL AND SLUG PELLETS

Recommended Use: Slug and snail bait.

CAUTION: Accidental poisoning of pets may be fatal. DO NOT HEAP PELLETS. Observe pet behaviour after pellets have been applied. The bittering agent in the pellets should ensure the animal spits them out shortly after tasting. However, occasionally an animal may continue eating the product. If this occurs, remove the animal at once from the area.

Supplier: Yates New Zealand, a division of DuluxGroup (New Zealand) Pty Ltd
ABN 55 133 404 118
Co. 2355191

Street Address: The Gate Industrial Park,
373 Neilson St, Onehunga
Auckland, New Zealand

Telephone Number: +64 9 636 2800

Facsimile: +64 9 636 2802

Emergency Telephone: CHEMCALL 0800 243 622 (ALL HOURS)

2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Subclasses:

Subclass 6.4 Category A - Substances that are irritating to the eye.

Subclass 6.8 Category B - Substances that are suspected human reproductive or developmental toxicants.

Subclass 6.9 Category B - Substances that are harmful to human target organs or systems.

Subclass 9.1 Category D - Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action.

Hazard and Precautionary Information:

Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May cause long lasting harmful effects to aquatic life. Read label before use. Read Safety Data Sheet before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention. Avoid release to the environment. Store locked up. Get medical advice/attention if you feel unwell.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description: Product contains a bittering agent.

Safety Data Sheet



Components	CAS Number	Proportion	Risk Phrases
Metaldehyde	108-62-3	15 g/kg	R10, R22
Ingredients determined not to be hazardous	-	to 100%	-

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

Skin Contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. If vomiting occurs give further water. Seek immediate medical assistance.

Medical attention and special treatment:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazards from combustion products:

Combustible solid.

Precautions for fire fighters and special protective equipment:

On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media:

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Collect and seal in properly labelled containers for disposal or re-use.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact during pregnancy. Keep out of reach of children. Avoid skin and eye contact and breathing in dust.

Conditions for safe storage: Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name: YATES BLITZEM SNAIL AND SLUG PELLETS
Substance No: 000000020513

Issued: 18/03/2010
Version: 2

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Occupational Exposure Limits: No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH). However, supplier recommended Exposure Standard(s):
Grain filler dust: 8hr WES-TWA = 4 mg/m³

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls:

Natural ventilation should be adequate under normal use conditions.

Personal Protective Equipment:

Avoid contact with eyes and skin and breathing in dust. Wash hands and exposed skin thoroughly after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Pellets
Colour:	Pale Green
Odour:	Wheaty
Solubility:	Insoluble in water.
Specific Gravity:	0.6 kg/L (bulk density)
Relative Vapour Density (air=1):	N App
Vapour Pressure (20 °C):	N App
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
% Volatile by Weight:	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N App
Decomposition Point (°C):	N Av
Sublimation Point (°C):	N App
pH:	N App
Viscosity:	N App
Partition Coefficient:	LogPow (Metaldehyde): 0.12

10. STABILITY AND REACTIVITY

Chemical stability:	Product is stable for at least 4 years under ambient storage conditions.
Conditions to avoid:	Avoid contact with foodstuffs. Avoid exposure to extreme heat. Avoid exposure to moisture.
Incompatible materials:	Incompatible with oxidising agents.
Hazardous decomposition products:	Oxides of carbon.
Hazardous reactions:	None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Swallowing can result in abdominal cramps, nausea, vomiting, salivation, facial flushing and fever. Larger exposures may result in drowsiness, irritability, lack of muscular co-ordination and tremor.
Eye contact:	Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.
Skin contact:	Repeated or prolonged skin contact may lead to irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.

Long Term Effects:

Evidence indicates that repeated or prolonged exposure to this chemical could result in effects on the gastrointestinal system, liver and reproductive system.

Toxicological Data: No LD50 data available for the product. For the constituent

METALDEHYDE:

Oral LD50 (rat): 283 mg/kg (1)

Dermal LD50 (rat): >5000 mg/kg (1)

12. ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways and fishponds. Keep children, pets and poultry off treated areas. For METALDEHYDE:
Aquatic toxicity:	Harmful to aquatic organisms. Risk of bioaccumulation in an aquatic species is low.
48hr EC50 (Daphnia magna):	>90 mg/L (1)
96hr LC50 (rainbow trout):	75 mg/L (1)
Terrestrial toxicity:	Harmful to terrestrial species.
Oral LD50 (avian):	181 mg/kg (quail) (1)

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to local government authority for disposal recommendations. Empty container completely, crush and dispose of safely with domestic rubbish.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Classification:

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Subclasses:

Subclass 6.4 Category A - Substances that are irritating to the eye.

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16. OTHER INFORMATION

(1) In: 'The Pesticide Manual'. 13th Edition. Ed. CDS Tomlin. British Crop Protection Society, 2003.

Reason(s) for Issue:

5 Yearly Revised Primary MSDS

This safety data sheet has been prepared by SH&E Shared Services.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since DuluxGroup Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their DuluxGroup representative or DuluxGroup Limited at the contact details on page 1.

DuluxGroup Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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