

SAFETY DATA SHEET



Bird Bane

Hybrid-Ag Pty Ltd

Catalogue number: N/A

Version No: 0.1

Issue date: 19/03/2021

Safety Data Sheet according to WHS and ADG requirements

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	Bird Bane
Synonyms	N/A
Other means of identification	Bird and avian deterrent

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Fertiliser, soil stimulation
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Details of the manufacturer/importer

Registered company name	Hybrid-Ag Pty Ltd
Address	52 Buckler Road, Wangaratta, VIC 3677
Telephone	(03) 5722 7555
Mobile	
Website	www.hybridag.com.au
Email	admin@hybridag.com.au

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 1126
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	Not Applicable
GHS Classification ^[1]	Not Applicable

Label elements

GHS label elements	Not applicable
SIGNAL WORD	NOT APPLICABLE

Hazard statement(s)

Not Applicable

Precautionary statement(s) Prevention

P102	Keep out of reach of children
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Precautionary statement(s) Response

If in eye, flush gently with running water for 15 minutes. If inhaled, remove from exposure area. If irritation persists, seek medical attention. If skin or hair contact occurs, remove contaminated clothing and flush affected areas with running water. If irritation persists, seek medical attention.

Precautionary statement(s) Storage

Use only in well ventilated areas. Store away from other chemicals. Keep containers closed when not in use.

Precautionary statement(s) Disposal

P501	Dispose of contents and containers in accordance with local regulations
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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**Substances**

All ingredients are non-hazardous

Mixtures

CAS No	% (weight)	Name
7732-18-5	25	Filtered Water
8029-38-7	50	Carrier
134-20-3	25	Methyl Anthranilate

SECTION 4 FIRST AID MEASURES**Description of first aid measures**

Eye Contact	If this product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs with concentrate: Flush skin and hair with running water. Seek medical advice in event of irritation.
Inhalation	Not applicable
Ingestion	Do NOT induce vomiting. No treatment necessary unless large quantities are swallowed. If symptoms persist, obtain medical advice.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES**Extinguishing media**

	There is no restriction on the type of extinguisher which may be used. Though the material is non-combustive, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances. In such an event consider: <ul style="list-style-type: none">• Foam• Dry chemical powder• Carbon dioxide
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Special hazards arising from the substrate or mixture

Fire incompatibility	Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)
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Advice for firefighters

Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Fire fighters to wear self-contained breathing apparatus (SCBA) and suitable protective clothing. Use firefighting procedures suitable for the surrounding environment. Do not approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
Fire/Explosion Hazard	When heated to decomposition, releases toxic fumes of nitrogen oxides, ammonia, cyanuric acid.

SECTION 6 ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Minor Spills	Sweep up & dispose of.
Major Spills	Sweep into a centralised location and place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle. Prevent by any means available any spillage entering sewers, water courses, basements or confined areas.
	Personal protective equipment advice is contained in Section 8 of this SDS

SECTION 7 HANDLING AND STORAGE**Precautions for safe handling**

Safe handling	Wear suitable protective clothing depending on the circumstances as per section 8. Do not mix with other chemicals unless expressly recommended by the manufacturer. Always store in original container.
Other information	

Conditions for safe storage, including any incompatibilities

Suitable container	1L drum, 5L drum, 20L drum, 200L drums, 1000L IBC's, bulk storage containers or tanks
Storage incompatibilities	Acids. Bases. Acid anhydrides. Acid chlorides. Chloroformates. Reducing Agent. Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Protect from light.


PACKAGE MATERIAL INCOMPATIBILITIES

Not Available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters****OCCUPATIONAL EXPOSURE LIMITS (OEL)****INGREDIENT DATA**

Not Available

Exposure controls

Appropriate engineering controls	Ensure adequate ventilation, ensure that eyewash stations and safety showers are close to the workstation location.
Personal protection	 Wear overalls or PVC apron
Eye and face protection	Wear gloves, dust mask, safety glasses with side shield, long sleeves, long pants & steel cap boots
Hands/feet protection	Wear gloves, dust mask, long sleeves, long pants & steel cap boots

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Appearance	Light off white coloured liquid		
Physical state	Liquid	Specific Gravity (Water = 1)	1.2
Odour	Slight grape odour	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Applicable
pH (as supplied)	6-9	Decomposition temperature	100°C
Melting point / freezing point (°C)	Not Applicable	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	100	Molecular weight (g/mol)	Not Available
Flash point (°C)	Not Applicable	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Fully Miscible	pH as a solution	6-9
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	Unstable in the presence of incompatible materials.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 7

SECTION 11 TOXICOLOGICAL INFORMATION**Information on toxicological effects**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Methyl anthranilate	LD50 = 2910 mg/kg (Rat)	>2000 mg/kg (Rat) >5 g/kg (Rabbit)	-

Inhaled	Mists and spray from the product may cause irritation to the nose, throat and respiratory system with effects including; coughing and discomfort.
Ingestion	May cause irritation to the mouth, throat and stomach. Urea may cause irritation to the digestive tract, nausea, vomiting, diarrhea, salt depletion, headache, confusion.
Skin Contact	The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness and swelling.

Eye	May cause irritation, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.
Chronic	Extended period of contact may cause irritation in sensitive individuals.

SECTION 12 ECOLOGICAL INFORMATION**Toxicity**

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

Component	Freshwater Fish	Water Flea	Freshwater Algae
Methyl anthranilate	LC50: 9.12 mg/l/96 h (Lepomis macrochirus)	EC50: 18.2 mg/l/48 h	

Persistence and degradability

Expected to be biodegradable. Soluble in water, Persistence is unlikely, based on information available

Bio accumulative potential

Bioaccumulation is unlikely

Component	log Pow	Bioconcentration factor (BCF)
Methyl anthranilate	1.88	6

Mobility in soil

The product is water soluble, and may spread in water systems Will likely be mobile in the environment due to its water solubility. Highly mobile in soils.

SECTION 13 DISPOSAL CONSIDERATIONS**Waste treatment methods**

Product / packaging disposal	<p>Recycle wherever possible. Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.</p> <p>Dispose of by: burial in a land-fill specifically licenced to accept chemical and / or pharmaceutical wastes or incineration in a licenced apparatus (after admixture with suitable combustible material).</p> <p>Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.</p>
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SECTION 14 TRANSPORT INFORMATION**Labels Required**

Marine Pollutant	No
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

SECTION 15 REGULATORY INFORMATION**Safety, health and environmental regulations / legislation specific for the substance or mixture**

Non-Hazardous Chemical. Non-Dangerous Goods.
According to the WHS Regulations and the ADG Code
METHYL ANTHRANILATE(134-20-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS
Australia Inventory of Chemical Substances (AICS)
WATER(7732-18-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS
Australia Inventory of Chemical Substances (AICS)

SECTION 16 OTHER INFORMATION**Other information**

Classification of the preparation and its individual components has drawn on official and authoritative sources.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC-TWA:	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit Of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors
BEI:	Biological Exposure Index

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