

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations
Issue date: 1/25/2023 Version: 1.0

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Trade name : RUDDUCK RODENTICIDE PASTE
Product code : 39461/113385

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

No additional information available

1.4. Details of manufacturer or importer

C RUDDUCK PTY LTD
Unit 2 247 Ingles St
Port Melbourne Vic 3207
ABN 89 004 411 312

Telephone (03) 9676 4444
Fax (03) 9676 4455
Emergency phone (03) 9676 4444 (bus hours)

1.5. Emergency phone number

Country	Organisation/Company	Address	Emergency number	Comment
	WA Poisons Information Centre (WAPIC)	Sir Charles Gardner Hospital Hospital Avenue, Nedlands, WA 6009	13 11 26	
	New South Wales Poisons Information Centre	The Children's Hospital at Westmead Locked Bag 4001, Westmead, NSW 2145	13 11 26	
	Victorian Poisons Information Centre	Austin Hospital Studley Road, Heidelberg, Victoria 3084	13 11 26	
Australia	Queensland Poisons Information Centre	Royal Children's Hospital Herston Road, Brisbane 4029	13 11 26	

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Reproductive toxicity, Category 1B H360
Specific target organ toxicity – Repeated exposure, Category 1 H372

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Health hazard

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Signal word (GHS AU)	: Danger
Contains	: Fat mixture (25 – 50 %); Wheat Flour - No OEL Info (25 – 50 %); 100% VEGETABLE OIL BOXED FAT (10 – 25 %); Propane-1,2-diol (1 – 2.5 %); Water (0.1 – 1 %); Denatonium benzoate (0.01 – 0.1 %); PIGMENT BLUE 15:1 (0.01 – 0.1 %); bromadiolone (0.01 – 0.1 %); Butylated Hydroxyanisole (< 0.01 %); Butylated Hydroxytoluene (< 0.01 %)
Hazard statements (GHS AU)	: H360 - May damage the unborn child. H372 - Causes damage to organs (blood) through prolonged or repeated exposure
Precautionary statements (GHS AU)	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P260 - Do not breathe dust. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves. P308+P313 - IF exposed or concerned: Get medical advice, medical attention. P314 - Get medical advice, medical attention if you feel unwell. P321 - Specific treatment (see ANTIDOTE on this label). P402+P404 - Store in a dry place. Store in a closed container. P405 - Store locked up. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Fat mixture	68334-28-1	25 – 50	Not classified
Wheat Flour - No OEL Info	-	25 – 50	Not classified
100% VEGETABLE OIL BOXED FAT	-	10 – 25	Not classified
Propane-1,2-diol	57-55-6	1 – 2.5	Not classified
Water	7732-18-5	0.1 – 1	Not classified
Denatonium benzoate	3734-33-6	0.01 – 0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
PIGMENT BLUE 15:1	147-14-8	0.01 – 0.1	Not classified
bromadiolone	28772-56-7	0.01 – 0.1	Acute Tox. 1 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 1 (Inhalation), H330 Acute Tox. 1 (Inhalation:dust,mist), H330 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Butylated Hydroxyanisole	25013-16-5	< 0.01	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 2, H411
Butylated Hydroxytoluene	128-37-0	< 0.01	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Other substances (not contributing to the classification of this product)	-	0.12	-

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Symptoms caused by exposure

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
------------------	--

4.3. Medical attention and special treatment

Other medical advice or treatment	: Phytomenadione Vitamin K1 is antidotal.
-----------------------------------	---

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
------------------------------	--

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
----------------------	-----------------------------------

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	: On land, sweep or shovel into suitable containers.
-------------------------	--

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Propane-1,2-diol (57-55-6)	
Australia - Occupational Exposure Limits	
Local name	Propane-1,2-diol
OES TWA [1]	10 mg/m ³ particulates only 474 mg/m ³ vapour & particulates
OES TWA [2]	150 ppm vapour & particulates
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
Butylated Hydroxytoluene (128-37-0)	
Australia - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
OES TWA [1]	10 mg/m ³
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)

8.2. Biological Monitoring

No additional information available

8.3. Engineering controls

No additional information available

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear gloves

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

Physical state : Solid

Appearance : No data available

Colour : Blue

Odour : Odourless

Odour threshold : No data available

pH : No data available

pH solution : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point / Freezing point : No data available

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Flammability	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: Density: 1 – 1.2 g/ml
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available

SECTION 10: Stability and reactivity

Reactivity	: No additional information available
Chemical stability	: Not established.
Possibility of hazardous reactions	: None expected under normal conditions of handling and use.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

RUDDUCK RODENTICIDE PASTE

LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg

Propane-1,2-diol (57-55-6)

LD50 oral rat	22000 mg/kg bodyweight Animal: rat, Remarks on results: other:
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit
LC50 Inhalation - Rat	> 44.9 mg/l air Animal: rat, Guideline: other:, Remarks on results: other:

PIGMENT BLUE 15:1 (147-14-8)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 2000 mg/kg

Denatonium benzoate (3734-33-6)

LD50 oral rat	584 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	200 mg/m ³

Butylated Hydroxytoluene (128-37-0)

LD50 oral rat	> 2930 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

bromadiolone (28772-56-7)	
LD50 oral rat	0.56 – 0.84 mg/kg
LD50 dermal rat	1.71 mg/kg
LC50 Inhalation - Rat	0.00043 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Butylated Hydroxytoluene (128-37-0)	
NOAEL (chronic, oral, animal/male, 2 years)	25 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:
Reproductive toxicity	: May damage the unborn child.
STOT-single exposure	: Not classified
Butylated Hydroxyanisole (25013-16-5)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Causes damage to organs (blood) through prolonged or repeated exposure.
Propane-1,2-diol (57-55-6)	
NOAEL (subchronic, oral, animal/male, 90 days)	443 mg/kg bodyweight Animal: cat, Animal sex: male
PIGMENT BLUE 15:1 (147-14-8)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: other:
bromadiolone (28772-56-7)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Propane-1,2-diol (57-55-6)	
Animal studies and expert judgment for classification	False
Fat mixture (68334-28-1)	
Animal studies and expert judgment for classification	False
Wheat Flour - No OEL Info	
Animal studies and expert judgment for classification	False
PIGMENT BLUE 15:1 (147-14-8)	
Animal studies and expert judgment for classification	False
Butylated Hydroxyanisole (25013-16-5)	
Animal studies and expert judgment for classification	False
Denatonium benzoate (3734-33-6)	
Animal studies and expert judgment for classification	False
Water (7732-18-5)	
Animal studies and expert judgment for classification	False
100% VEGETABLE OIL BOXED FAT	
Animal studies and expert judgment for classification	False
Butylated Hydroxytoluene (128-37-0)	
Animal studies and expert judgment for classification	False

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

bromadiolone (28772-56-7)

Animal studies and expert judgment for classification False

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Other information : Avoid release to the environment.

Propane-1,2-diol (57-55-6)

LC50 - Fish [1] 51600 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)

LC50 - Fish [2] 51400 mg/l Test organisms (species): Pimephales promelas

PIGMENT BLUE 15:1 (147-14-8)

LC50 - Fish [1] > 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

LC50 - Fish [2] 355.6 mg/l Test organisms (species): other:

EC50 - Crustacea [1] > 500 mg/l Test organisms (species): Daphnia magna

EC50 - Other aquatic organisms [1] > 500 mg/l Test organisms (species): other:

LOEC (chronic) > 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

NOEC (chronic) ≥ 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Butylated Hydroxyanisole (25013-16-5)

LC50 - Fish [1] 2.5 mg/l

Denatonium benzoate (3734-33-6)

LC50 - Fish [1] > 1000 mg/l

EC50 - Crustacea [1] 13 mg/l

Butylated Hydroxytoluene (128-37-0)

LC50 - Fish [1] > 0.57 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

EC50 - Crustacea [1] 0.48 mg/l Test organisms (species): Daphnia magna

LOEC (chronic) 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

NOEC (chronic) 0.023 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

bromadiolone (28772-56-7)

LC50 - Fish [1] > 1.4 mg/l 96hrs (O.mykiss)

EC50 - Crustacea [1] 2 mg/l 48hr (Daphnia magna)

ErC50 algae 0.17 mg/l 72hr (S.subspicatus)

12.2. Persistence and degradability

RUDDUCK RODENTICIDE PASTE

Persistence and degradability Not established.

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

12.3. Bioaccumulative potential

RUDDUCK RODENTICIDE PASTE

Bioaccumulative potential	Not established.
---------------------------	------------------

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

RUDDUCK RODENTICIDE PASTE

Fluorinated greenhouse gases	False
------------------------------	-------

Propane-1,2-diol (57-55-6)

Fluorinated greenhouse gases	False
------------------------------	-------

Fat mixture (68334-28-1)

Fluorinated greenhouse gases	False
------------------------------	-------

Wheat Flour - No OEL Info

Fluorinated greenhouse gases	False
------------------------------	-------

PIGMENT BLUE 15:1 (147-14-8)

Fluorinated greenhouse gases	False
------------------------------	-------

Butylated Hydroxyanisole (25013-16-5)

Fluorinated greenhouse gases	False
------------------------------	-------

Denatonium benzoate (3734-33-6)

Fluorinated greenhouse gases	False
------------------------------	-------

Water (7732-18-5)

Fluorinated greenhouse gases	False
------------------------------	-------

100% VEGETABLE OIL BOXED FAT

Fluorinated greenhouse gases	False
------------------------------	-------

Butylated Hydroxytoluene (128-37-0)

Fluorinated greenhouse gases	False
------------------------------	-------

bromadiolone (28772-56-7)

Fluorinated greenhouse gases	False
------------------------------	-------

SECTION 13: Disposal considerations

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
Not applicable	Not applicable	Not applicable

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

ADG	IMDG	IATA
14.2. UN Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Not applicable	Not applicable	Not applicable

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Classification	
Repr. 1B	H360
STOT RE 1	H372

Full text of H-statements	
Acute Tox. 1 (Dermal)	Acute toxicity (dermal), Category 1
Acute Tox. 1 (Inhalation)	Acute toxicity (inhal.), Category 1

RUDDUCK RODENTICIDE PASTE

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Full text of H-statements	
Acute Tox. 1 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 1
Acute Tox. 1 (Oral)	Acute toxicity (oral), Category 1
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Repr. 1B	Reproductive toxicity, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H300	Fatal if swallowed
H302	Harmful if swallowed
H310	Fatal in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.