BANG LIQUID SHEEP BLOWFLY TREATMENT

Abbey Animal Health Pty Ltd

SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd
Address: 27/1 Maitland Place, Norwest, NSW 2153 Australia
Telephone Number: 02 8088 0720
Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

PRODUCT NAME
BANG LIQUID SHEEP BLOWFLY TREATMENT

PRODUCT USE
Protects long wool sheep for up to 14 weeks from strike by blowfly (*Lucilia cuprina*), including organophosphate resistant strains when applied by jetting or dipping.

Section 2- Hazards Identification

Statement of Hazardous Nature
This product is classified as: Classified as T toxic. Hazardous according to the criteria of SWA.

ADG Classification: Not classified as dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

GHS Signal word: WARNING

GHS Pictogram:



HAZARD STATEMENT(S)
H302: Harmful if swallowed.
H402: Harmful to aquatic life.

PREVENTION
P102: Keep out of reach of children.
P233: Keep container tightly closed.
P234: Keep only in original container.
P261: Avoid breathing fumes, mists, vapours or spray.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash contacted areas thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE
P362: Take off contaminated clothing and wash before reuse.
P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+P311 If exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P337+P313: If eye irritation persists: Get medical advice.
P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

STORAGE
P410: Protect from sunlight.
P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL
P501: Dispose of small quantities and empty containers as indicated on the registered product label.

Section 3- Composition / Information on Ingredients

INGREDIENTS:

Chemical Name	**CAS Number**	**Proportion**
Cryomazine	66215-27-8	50%
Non-hazardous ingredients	Secret	up to 100%

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

Inhalation: Remove patient to fresh air. Lay patient down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. If breathing is difficult, give oxygen. Seek medical assistance immediately

Skin contact: Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

Eye contact: No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed. Continue rinsing. If eye irritation persists, get medical advice/attention. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, DO NOT induce vomiting. Rinse mouth. Keep subject warm and at rest. For advice, contact the National Poisons Centre on 131126. Seek medical assistance immediately.

Section 5- Fire Fighting Measures

Fire and Explosion Hazards: Not combustible. Contains approximately 50% of water. Not considered to be a significant fire risk. If involved in a fire, may emit noxious and corrosive fumes. There is no risk of an explosion from this product under normal circumstances or if it is involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Protective Equipment: Gas-tight chemical resistant suit, protective gloves and breathing apparatus.

Fire Fighting: There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Flash point: No flash point – water-based product – NOT combustible.

Section 6 - Accidental Release Measures

Accidental release: The accidental release is not a cause for concern. Slippery when spilt. Avoid accidents – clean up immediately. Wear protective clothing to avoid skin and eye contamination. Contain using sand and earth. Although no special protective clothing is necessary. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

Section 7 - Handling and Storage

Handling: Avoid contact with skin, eyes and avoid inhalation of vapours. Use personal protective equipment as required.
Check Section 8 of this SDS for details of personal protective measures. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace.

Storage: Keep out of reach of children. Some liquid preparations settle or separate on standing and may require stirring before use.

Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:
Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits TWA (mg/m3) STEL (mg/m3)
Exposure limits have not been established by SWA for any of the significant ingredients in this product.
This SDS describes personal protective measures relating to long term industrial and manufacturing exposure and emergency situations, such as accidents and spills. See product label for personal protective measures during normal use of the marketed product.

Exposure Limits: no exposure limits have been assigned for this product or for any ingredient.

Engineering Controls: Handle in a well-ventilated area. Ensure that the work environment remains clean.

Ventilation: This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Personal Protective Equipment (PPE): When using the product, wear protective gloves: rubber, PVC and eyewear. Contaminated clothing should not be allowed out of the workplace.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: You should avoid contact even with mild skin irritants. Therefore, you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

Respirator: Usually, no respirator is necessary when using this product.

Section 9 - Physical and Chemical Properties

Physical Description & colour: Brown coloured flowable suspension.
Odour: Non-specific odour
Boiling Point: Not available – (contains approx. 50% of water)
Freezing/Melting Point: Liquid at normal temperatures.
Vapour Pressure: No data – comparable with water
Vapour Density: No data - comparable with water
Water Solubility: Forms suspension in water

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. When stored appropriately this product should show no significant degradation. Keep containers at ambient temperature. Keep surrounding areas well ventilated.

Conditions to Avoid: Extreme temperatures.

Incompatibilities: Strong acids, strong bases, strong oxidizing agents.

Polymerisation: This product will not undergo polymerization reactions.

Section 11 - Toxicological Information

Ingestion: Accidental ingestion of the material may be harmful.

Cyromazine: Oral LD50 3387 mg/kg (rat), 2029 mg/kg (mouse).

Skin: May cause slight skin irritation

Eye: May cause transient discomfort.
Chronic Effects: There is some evidence from animal testing that prolonged or repeated exposure to cyromazine may result in damage to the blood and hematopoietic system. (Ref: ERMA New Zealand CCID).
Reproductive Toxicity: Not known to affect reproduction.
Mutagenicity: Not known to be mutagenic.
Carcinogenicity: Limited evidence of a carcinogenic effect.
Target Organs: There is no data to hand indicating any particular target organs.

Section 12 - Ecological Information

This product is toxic to aquatic organisms. This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. This product is unlikely to accumulate in body tissues. This product is likely to be mobile in soils.

Birds:

LD_{50} bobwhite quail: 1785mg/kg

LD_{50} Japanese quail: 2338mg/kg

LD_{50} Japanese quail: 2338mg/kg

LD_{50} Peking duck: >1000mg/kg

LD_{50} mallard: >2510mg/kg

Fish:

LC_{50} bluegill sunfish (Lepomis macrochirus): 1785mg/L

LC_{50} carp (*Cyprinus carpio*): >100mg/L

LC_{50} catfish: >100mg/L

LC_{50} rainbow trout (*Oncorhynchus mykiss*): >100mg/L

Daphnia: EC_{50} 9.1mg/L.

In rats, Cyromazine is efficiently excreted, mainly as the parent compound. It is rapidly metabolized in plants – the principal metabolite is melamine.

Soil/Environment: Cyromazine and its main metabolite, melamine, are moderately mobile. Numerous laboratory and field studies demonstrate that Cyromazine is efficiently degraded by biological mechanisms.

ENVIRONMENTAL PROTECTION
DO NOT contaminate dams, rivers or streams with the product or used containers.

Section 13 - Disposal Considerations

Disposal: Triple or preferably pressure rinse containers and dispose of rinsate in a disposal pit as described below. DO NOT dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in a local authority landfill. If not available bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

Section 14 - Transport Information

No specific transport considerations apply since *BANG LIQUID SHEEP BLOWFLY TREATMENT* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

Section 15 - Regulatory Information

Poison Schedule: *0*

APVMA Approval Number: *84980*

Approved pack size: *5L, 20L*

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd

Telephone Number: 02 8088 0720
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This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

***Note: This SDS is valid for 5 years from the effective date.**