

COSHH Risk Assessment No: 057

Product Name: Biopren BMS



Registration number – HSE 9366

Appearance – Yellowish Brown powder and granules within station. Strong smell of liver

Describe the activity or work process.
(Inc. how long/ how often this is carried out and quantity substance used)

Biopren BM is an insecticidal bait for **professional use** against pharaoh ants.
1-2 bait stations per 5m² depending on level of infestation

Location of process being carried out?

For Indoor Use only
Domestic and commercial premises













Identify the persons at risk:

Employees ☒ Sub-contractors ☐ Public ☒

Name the substance involved including active ingredient, in the process and its manufacturer.

Biopren BMS (Babolna Bio)
Active Ingredients – S-methoprene 0.5% BHT 0.05% Sorbic acid 0.1%

Classification (state the category of danger)

	<input type="checkbox"/>	Very Toxic – if swallowed		<input type="checkbox"/>	Irritant - may cause allergic skin reaction		<input type="checkbox"/>	Extremely Flammable
	<input type="checkbox"/>	Toxic – if swallowed		<input type="checkbox"/>	Sensitising		<input type="checkbox"/>	Highly Flammable
	<input type="checkbox"/>	Corrosive		<input type="checkbox"/>	Biological		<input type="checkbox"/>	Flammable
	<input type="checkbox"/>	Harmful - if swallowed		<input type="checkbox"/>	Oxidising		<input checked="" type="checkbox"/>	Environmental

Hazard Type

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other (State)Gel bait.....

Route of Exposure

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inhalation	Skin	Eyes	Ingestion	Other (State)

Workplace Exposure Limits (WELs) please indicate n/a where not applicable

n/a Short-term exposure level (15 mins):n/a

State the Risks to Health from Identified Hazards

EC Classification:

H50 Very toxic to aquatic organisms.
H400 Very toxic to aquatic life

Control Measures:

Always consider non-toxic and least toxic options before application
Always read label / MSDS before use and comply with details.
Prevent access to baits and do not use where contamination of feeds / foodstuffs may occur
Do not permit entry to drains. When used externally ensure bait is protected from rain.
Keep in original, labelled container.
Remain in control of substance at all times. Storage to be restricted to certified store, out of storage use to be confined to regulated vehicle.
Where risk of interception by 3rd party warning labels to be used to denote use and risk
Records to be kept on usage and location in pest control master file.

Operator to wear suitable PPE when handling and applying As detailed below. Records of PPE maintenance to be held centrally. Waste product to be retained and disposed of by Pest Control operator as per EA guidelines.

Safety Phrases:









S1 Keep locked up. S2 Keep out of the reach of children
 S7 Keep container tightly closed
 S13 Keep away from food, drink and animal feeding stuffs
 S20/21 When using do not eat, drink or smoke
 S24 – Avoid contact with skin
 S29 – Do not empty into drains
 S36/37 Wear suitable protective clothing and gloves
 S44/S45 In case of accident or if you feel unwell, seek medical advice (show the label where possible)
 S49/ S35 Keep in original container and dispose of in a safe way
 S57 Use appropriate container to avoid environmental contamination
 S60/S35 This material and its container must be disposed of as hazardous waste
 S61 Avoid release to the environment. Refer to special instructions / safety data sheets
 S62 If swallowed, do not induce vomiting : seek medical advice immediately and show the label or container

Is health surveillance or monitoring required?

Yes ☐

No ☒

Personal Protective Equipment (state type and standard)

 <input type="checkbox"/>		 <input type="checkbox"/>	
Dust mask		Visor	
 <input type="checkbox"/>		 <input type="checkbox"/>	
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Nitrile gloves to thickness of 0.4mm	 <input type="checkbox"/>	
Gloves		Overalls	
 <input checked="" type="checkbox"/>	Steel toe cap boots to be worn as per company dress code.	 <input type="checkbox"/>	
Footwear		Other	

First Aid Measures

Inhalation: as the mixture is solid formulation the inhalation is improbable
Skin: In case of allergic symptoms wash effected area with plenty of water
Eyes: Unlikely to be an issue. wash out immediately with plenty of water for at least 15 minutes.
Ingestion: ingestion is improbable, get medical attention if feel unwell.

Storage / Spillage

Storage: Keep in original labelled container, out of reach of children and non target species. Protected from elements. Keep container tightly closed in a dry cool and well ventilated place.

Spillage – Clean spillages immediately. Avoid entry to watercourses

Disposal of Substances & Contaminated Containers

Hazardous Waste ☒ Skip ☐ Return to Depot ☐ Return to Supplier ☒ Other ☐

(If Other Please State):.....

Summary

Unlikely to cause harmful effects to operator or members of the public under normal conditions. Product used in small quantities and low concentration of active ingredient. Used in accordance to label and operator training this product presents minimal risk to health

Risk Rating Following Control Measures

High ☐

Medium ☐

Low ☒

Assessed by:Lloyd Carter

Date:07/01/2025

Review Date: January 2026