



# COSHH Risk Assessment No: 053

## Product Name: Biopren 6EC



Registration number – BPR-UK-10076

Appearance – yellowish liquid

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

Biopren 6EC flushes and knocks down hiding insects and interrupts the entire life cycle of insects. Biopren is a potent insecticide to control bed bugs and fleas resistant to synthetic pyrethroids.

**STATUTORY CONDITIONS OF APPROVAL RELATING TO USE**  
**FOR USE ONLY AS AN INSECTICIDE**  
**FOR USE ONLY BY PROFESSIONAL OPERATORS**  
 For Bedbug control: Dilute 1ml product per 100ml water  
 For Flea control: Dilute 1ml product per 250ml water  
 Apply 50ml product per square metre.  
 Users must comply in full with all their legal responsibilities under the Control of Pesticides Regulations 1986 (as amended), including complying with all Conditions of Approval.  
**READ ALL PRECAUTIONS BEFORE USE** **HSE No. 10076**

Location of process being carried out?

For indoor use only on surfaces such as cracks, crevices, carpets, soft furnishings, mattresses, pet housing and pet bedding.

Identify the persons at risk:

Employees  Sub-contractors  Public

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

**Biopren 6EC** (Babolna Bio)  
 Active Ingredients – S-methoprene 6.74%, Pyrethrins 4.81%, PBO 10.17%, MGK 264 16.07%

### Classification (state the category of danger)

	<input checked="" type="checkbox"/>	Damage to unborn child organs through long term exposure		<input checked="" type="checkbox"/>	Allergic Skin Reaction		<input type="checkbox"/>	Extremely Flammable
	<input type="checkbox"/>	Toxic – if swallowed		<input type="checkbox"/>	Sensitising		<input type="checkbox"/>	Highly Flammable
	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other (State).....

### Route of Exposure

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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:** H304 May be fatal if swallowed and enters airways. H318 Causes serious eye damage. H317 May cause allergic skin reaction H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects.

**Control Measures:**

Always consider non-toxic or least toxic options before application  
 Always read label / MSDS before use and comply with details.  
 Remove non target organisms / People during application  
 Protect access to baits and do not use where contamination of feeds / foodstuffs may occur  
 To be used by trained operative (professional) only.  
 Do not permit entry to drains or ground water  
 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.  
 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:**

P280 Wear protective gloves/protective clothing/eye protection.  
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 P302+P352 IF ON SKIN: Wash with plenty of 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.  
 P331 Do NOT induce vomiting.  
 P363 Wash contaminated clothing before reuse.  
 P391 Collect spillage.  
 P501 Dispose of contents/container as dangerous waste

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 checked="" type="checkbox"/>		 <input checked="" type="checkbox"/>	If applying above head height and risk dictates it necessary
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Nitrile gauntlets to EN374	 <input checked="" type="checkbox"/>	Disposable tyvex type 5/6 coveralls
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:** Remove to fresh air, loosen the tight clothes, rest and keep warm. Get medical attention if feel unwell.

**Skin:** Remove the contaminated clothes; wash thoroughly with plenty of water then rinse with soap and water.

**Eyes:** Wash out with plenty of water for a few minutes; remove the contact lenses if it's easily possible. Seek an optometrist in case of bulging, redness, and bleary eyes.

**Ingestion:** Do not induce vomiting! Wash the conscious person's mouth with plenty of water.

**Storage / Spillage**

**Storage:** Store in a well-ventilated room. Keep away from heat, flames, other sources of ignition. Keep away from food, feed.

**Spillage –** Adsorb on with a suitable non-combustible material (sand, dry earth, etc.) and place into a closed container. Wash up with plenty of water and detergent. The remaining substances should be treated as dangerous waste

**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 operators 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 Brian Duffin

Date: 18/12/25

Review Date: January 2027