

COSHH Risk Assessment No: 038

Product Name: K-Othrine Partix



Registration number – GB-2018-1166-02		Appearance – light beige to light brown liquid	
Describe the activity or work process. (Inc. how long/ how often this is carried out and quantity substance used)		K-Othrine Partix is a suspension concentrate containing 2.49% (2.45% pure) Deltamethrin, with broad spectrum insecticidal activity. Used to control crawling insects (including cockroaches and bedbugs), house flies at rest and spiders and for the outdoor control of wasps in free hanging nests. Application rate of dependent on species (see label) through a pressurised sprayer at 2 bar. To be used to control active insect activity as necessary by a professional operative only.	
Location of process being carried out?		K-Othrine Partix can be used indoors in domestic, commercial and industrial premises	
Identify the persons at risk:		Employees ☒	Sub-contractors ☐ Public ☒
Name the substance involved including active ingredient, in the process and its manufacturer.		K-Othrine Partix (Envu) Active Ingredients – 2.49% (2.45% pure) Deltamethrin	

Classification (state the category of danger)

	☐	Very Toxic – if swallowed		☒	Irritant - dermatitis causing		☐	Extremely Flammable
	☐	Toxic – if swallowed		☐	Sensitising		☐	Highly Flammable
	☐	Corrosive		☐	Biological		☐	Flammable
	☐	Harmful - if swallowed		☐	Oxidising		☒	Environmental

Hazard Type

☐	☐	☐	☐	☐	☒	☐	☐
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other (State)

Route of Exposure

☒	☒	☒	☒	☐
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
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State the Risks to Health from Identified Hazards

EC Classification:

H317 May cause an 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
To be used by trained operative (Professional) only
Cover fish tanks, water tanks when applying
Do not contaminate foodstuffs, utensils or food contact surfaces.
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.

Make up only enough spray to carry out treatment to work area

Waste product to be retained and disposed of by Pest Control operator as per EA guidelines.

Safety Phrases:

P261 Avoid breathing spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection.

P302 + P352 IF ON SKIN: Wash with plenty of water/ soap.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse

P391 Collect spillage.

P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Is health surveillance or monitoring required?

Yes

☐

No

☒

Personal Protective Equipment (state type and standard)

 ☐		 ☐	
Dust mask		Visor	
 ☒	Half mask with Filter P3 to EN149FFP1	 ☒	Goggles to EN166 if spraying above head height
Respirator		Goggles	
 ☒	Nitrile gloves to thickness of 0.4mm	 ☒	Disposable tyvek or standard coverall
Gloves		Overalls	
 ☒	Steel toe cap boots to be worn as per company dress code.	 ☐	
Footwear		Other	

First Aid Measures

Inhalation: Move to fresh air. Keep patient warm and at rest. Call a physician or poison control centre immediately.

Skin: Immediately wash with plenty of soap and water for at least 15 minutes. Warm water may increase the subjective severity of the irritation/paraesthesia. This is not a sign of systemic poisoning. In case of skin irritation, application of oils or lotions containing vitamin E may be considered. If symptoms persist, call a physician.

Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Warm water may increase the subjective severity of the irritation/paraesthesia. This is not a sign of systemic poisoning. Apply soothing eye drops, if needed anaesthetic eye drops. Get medical attention if irritation develops and persists.

Ingestion: Keep at rest. Rinse mouth. Do NOT induce vomiting. Call a physician or poison control centre immediately.

Storage / Spillage

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Store in a place accessible by authorized persons only. Keep away from direct sunlight. Protect from freezing. Advice on common storage. Keep away from food, drink and animal feeding stuffs.

Spillage – Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

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 opertaor or members of the public under normal conditions. Product used in small quantities at 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: Paul Mallett	Date: 02/01/2025	Review Date: January 2026