



COSHH Risk Assessment No: ICA 202508



Product Name: K-Othrine Patrix

Company name:
Anston pest control ltd

Dept. (if applicable): 16-06-2022

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

White sprit is used on a rare occasion for cleaning paint brushes from internal decorating and touching up walls that have become damaged during office moves.
Application via a pneumatic sprayer
Dilution ratio of 25ml/5ltr
Application rate of 1ltr/25m2

Location of process being carried out?

To be used indoors in domestic, commercial and industrial premises to control crawling insects, house flies at rest and spiders and for the outdoor control of wasps in free hanging nests

Identify the persons at risk:

Employees

Sub-contractors

Public

Name the substance involved in the process and its manufacturer.

(A copy of a current safety data sheet is attached to this assessment)

Bayer
K-Othrine Patrix
Deltamethrin 25 g/l (2.49% w/w (2.5% pure))

Classification *(state the category of danger)*

	<input type="checkbox"/> Toxic		<input type="checkbox"/> Oxidising		<input type="checkbox"/> Gas Under Pressure
	<input checked="" type="checkbox"/> Harmful/ Irritant		<input type="checkbox"/> Flammable		<input type="checkbox"/> Carcinogen
	<input type="checkbox"/> Corrosive		<input type="checkbox"/> Explosives		<input checked="" type="checkbox"/> Dangerous for the environment

Hazard Type

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

Route of Exposure

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

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

Long-term exposure limit (8-hour TWA): 350 mg/m3 vapour

TWA = Time Weighted Average

State the Risks to Health from Identified Hazards

Risks

This product contains a pyrethroid. Pyrethroid poisoning should not be confused with carbamate or organophosphate poisoning.

Treatment

Systemic treatment: Initial treatment: symptomatic. Monitor: respiratory and cardiac functions. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. Keep respiratory tract clear. Oxygen or artificial respiration if needed. In case of convulsions, a benzodiazepine (e.g. diazepam) should be given according to standard regimens. If not effective, phenobarbital may be used. Contraindication: atropine. Contraindication: derivatives of adrenaline. There is no specific antidote. Recovery is spontaneous and without sequelae.

Control Measures:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. 6.1

Personal precautions, protective equipment and emergency procedures

Precautions

Keep people away from and upwind of spill/leak. Avoid contact with spilled product or contaminated surfaces. When dealing with a spillage do not eat, drink or smoke. Use personal protective equipment.

6.2 Environmental precautions









Do not allow to get into surface water, drains and ground water. If spillage enters drains leading to sewage works inform local water company immediately. If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).

Is health surveillance or monitoring required?

Yes

No

Personal Protective Equipment (state type and standard)

 <input type="checkbox"/>		 <input type="checkbox"/>	Suitable for chemical splashes
Dust mask		Visor	
 <input checked="" type="checkbox"/>	ABE2 Filter P3 Filter	 <input checked="" type="checkbox"/>	
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Chemical Protection Glove - EN 374	 <input checked="" type="checkbox"/>	EN 13034:2005 (Type 6)
Gloves		Overalls	
 <input type="checkbox"/>		 <input type="checkbox"/>	
Footwear		Other	

First Aid Measures

General advice

Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

Inhalation

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

Skin contact

Immediately wash with plenty of soap and water for at least 15 minutes. Warm water may increase the subjective severity of the irritation/paresthesia. 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.

Eye contact

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/paresthesia. 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 center immediately.

Storage

Store in tightly-closed, original container in a dry, cool and well-ventilated place

Disposal of Substances & Contaminated Containers

Hazardous Waste Skip Return to Depot Return to Supplier Other

(If Other Please State):Cloths used should go in a fire proof tin and disposed of,

Is exposure adequately controlled?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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Risk Rating Following Control Measures		
High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input checked="" type="checkbox"/>

Assessed by: M Starr	Date: 01/01/25	Review Date:01/01/26
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