










 CHILTERN PEST SOLUTIONS	COSHH Risk Assessment COOPEX MINI/MAXI SMOKE GENERATOR	Reference	19
		Review Period	Annually
		Rev. No.	1
		Issue Date	18/08/2024

PRODUCT MANUFACTURER	SDS Date/Version
Bayer/Envu	31.03.2023
	HSE No/Authorisation No
	5130

PRODUCT DESCRIPTION (colour, form, odour)	INGREDIENTS AND CONCENTRATIONS
Light beige/white powder, characteristic odour	13.5% w/w permethrin and potassium chlorate

DESCRIPTION OF ACTIVITY OR PROCESS (including duration & frequency of use and quantity & location of use)
<p>Insecticidal smoke generator kills cluster flies, wasps, flies, mosquitos, midges, spiders, fleas etc</p> <p>Maxi smokes treat up to 1,000m³</p> <p>Mini smokes treat up to 120m³</p> <p>Ideal space treatment for instant knock-down of both flying and crawling insects. Ideal for use in lofts, animal housing, domestic properties, stores, out buildings, caravans, conservatories etc.</p>

CLASSIFICATION								
								
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HAZARD CODES AND HAZARD STATEMENTS			
H302	Harmful if swallowed	H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction	H410	Very toxic to aquatic life with long lasting effects
H319	Causes serious eye irritation		
SIGNAL WORD		(Other Hazards)	<p>May form explosible dust-air mixture if dispersed.</p> <p>Cutaneous sensations may occur, such as burning or stinging on the face and mucosae. However, these sensations cause no lesions and are of a transitory nature (max. 24 hours).</p> <p>Ignites readily. Product burns without a flame to give a dense white harmful smoke.</p> <p>Contact with dust can cause mechanical irritation or drying of the skin.</p>

HAZARD & EXPOSURE															
Hazard Type						Exposure Route				Who is at Risk?					
Solid		Dust	√	Mist		Vapour		Inhalation	√	Eyes	√	Employees	√	Client	√
Liquid		Gas	√	Fume		Other		Ingestion	√	Skin	√	Contractors	√	Public	√

CONTROL MEASURES
<p>Minimize workplace exposure concentrations.</p> <p>Apply measures to prevent dust explosions.</p> <p>Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and pro-cessing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).</p> <p>If sufficient ventilation is unavailable, use with local exhaust ventilation.</p> <p>Do not get on skin or clothing.</p> <p>Avoid breathing dust.</p> <p>Do not swallow.</p>

Do not get in eyes.
 Wash skin thoroughly after handling.
 Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment.
 Keep container tightly closed.
 Already sensitised individuals, and those susceptible to asthma, allergies, chronic or recurrent respiratory disease, should consult their physician regarding working with respiratory irritants or sensitizers.
 Minimize dust generation and accumulation.
 Keep container closed when not in use.
 Keep away from heat and sources of ignition.
 Do not eat, drink or smoke when using this product.
 Take care to prevent spills, waste and minimize release to the environment.

PPE OTHER THAN STANDARD UNIFORM AND SAFETY WORKBOOTS (State type and standard, including filter type)

	Safety glasses			Dust mask	
	Goggles			Respirator	If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. Equipment should conform to BS EN 14387
	Visor			Coveralls	Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).
	Gloves	Disposable gloves, Nitrile 0.4mm		Other/Notes	

STORAGE

Storage	Keep in properly labelled containers. Store locked up. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Do not store with the following product types: Strong oxidizing agents
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SAFETY

Safety Phrases	P261 Avoid breathing dust. P280 Wear protective gloves/ eye protection/ face protection. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P321 Specific treatment (see supplemental first aid instructions on this label). P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P391 Collect spillage.
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DISPOSAL COMPONENTS

EWC Code

Hazardous Waste	Commercial Waste	Domestic Waste	Return to Supplier	Recycling
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FIRE (hazards & extinguisher type)

	Water Spray	Dry Powder	Foam	CO2	Wet Chemical
Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Do not use a solid water stream as it may scatter and spread fire. Exposure to combustion products may be a hazard to health. Hazardous combustion products: Metal oxides Silicon oxides Carbon oxides Chlorine compounds Chlorine compounds In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.	√	√	√	√	

SPILLAGE MEASURES

Avoid release to the environment.
 Prevent further leakage or spillage if safe to do so.
 Retain and dispose of contaminated wash water.
 If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).
 Surround spill with absorbents and place a damp covering over the area to minimise entry of the material into the air.
 Add excess liquid to allow the material to enter into solution.
 Soak up with inert absorbent material.
 Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
 Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are re-leased into the atmosphere in sufficient concentration.
 Clean up remaining materials from spill with suitable absorbent.
 Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

FIRST AID MEASURES

Swallowed	If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.
Skin	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
Inhaled	If inhaled, remove to fresh air. Get medical attention if symptoms occur.

RISK RATING FOLLOWING CONTROL MEASURES

Low	Medium	High
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ASSESSOR DETAILS

Assessed By:	Phil Spackman	Signature [Initials]:	
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