












## Part 1 – Overview

<b>Assessment No.</b>	COSHH 006	<b>Assessment Date</b>	December 2021	<b>Review Period</b>	12 Months
<b>Assessor Name</b>	Jonathan Ely	<b>Position</b>	Health & Safety Advisor		
<b>Product Name</b>	FICAM W	<b>Manufacturer Details</b>	Bayer Environmental Science		
<b>Location of Use</b>	Confined Interior Spaces	<b>Description of activity or work process that the product is used</b>	Insecticide Powder		

## Part 2 – Evaluation

<b>Persons at Risk</b>	Employees	✓	Contractors	✓	Visitors	✓	Public		Other	
<b>Route of Exposure</b>	Inhalation	✓	Ingestion	✓	Skin Contact	✓	Eye Contact	✓	Injection	
<b>Hazard Symbols</b>										
										
Explosive	Flammable	Oxidising	Corrosive	Acute toxicity	Hazardous to the environment	Health hazard	Serious health hazard	Gas under pressure		



Hazard Statements	Precautionary Statements
<p>R21 Harmful in contact with skin. R23/25 Toxic by inhalation and if swallowed. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>	<p><b>Respiratory protection</b> Wear a compressed air respirator (continuous flow) conforming to European norm EN14594 or EN14563-1 or equivalent or an organic gas and vapour filter mask (protection factor 20) conforming to EN136 Type A filter or equivalent. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.</p> <p><b>Hand protection</b> Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness of 0,4 mm). Wash when contaminated and dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet.</p> <p><b>Eye protection</b> Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).</p> <p><b>Skin and body protection</b> Wear standard coveralls and Category 3 Type 6 suit. If there is a risk of significant exposure, consider a higher protective type suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.</p>

### Part 3 – Control Measures

First Aid Measures	
<b>Inhalation</b>	Move the victim to fresh air and keep at rest. Call a physician or poison control centre immediately
<b>Ingestion</b>	Keep at rest. Rinse mouth. Induce vomiting only, if: 1. patient is fully conscious, 2. medical aid is not readily available, 3. a significant amount (more than a mouthful) has been ingested and 4. time since ingestion is less than 1 hour. (Vomit should not get into the respiratory tract). Call a physician or poison control centre immediately.
<b>Skin Contact</b>	Immediately wash with plenty of soap and water for at least 15 minutes. If symptoms persist, call a physician.
<b>Eye Contact</b>	Move the victim to fresh air and keep at rest. Call a physician or poison control center immediately.
<b>Injection</b>	N/A
<b>General</b>	Remove contaminated clothing immediately and dispose of safely.
<b>Symptoms &amp; Treatment</b>	The product causes irritation of eyes, skin and mucous membranes. Initial treatment: symptomatic. In case of ingestion a gastric lavage within the first hour after ingestion and after intubation only with consecutive application of activated charcoal and sodium sulphate should be performed. In case of convulsions, a benzodiazepine (e.g. diazepam) should be given according to standard regimens. Keep respiratory tract clear. Oxygen or artificial respiration if needed. The following antidotes are generally accepted: atropin and oximes. Recovery is spontaneous and without sequelae.















<p><b>Fire Precautions</b></p>	<p><b>Suitable:</b> Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</p> <p><b>Unsuitable:</b> High volume water jet</p> <p><b>Special hazards arising from the substance or mixture:</b> Dangerous gases are evolved in the event of a fire. In common with all other methyl carbamates, bendiocarb will liberate strongly lachrymatory and very toxic methyl isocyanate when heated above its decomposition temperature which for bendiocarb is &gt; 125 deg C.</p> <p>Methyl isocyanate has a very low flash point and will be readily consumed in a fire. Since methyl isocyanate readily decomposes in contact with water, all decompositions are best extinguished with water.</p> <p><b>Special protective equipment for fire-fighters:</b> In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.</p> <p><b>Further information:</b> Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Whenever possible, contain fire-fighting water by diking area with sand or earth.</p>	<p><b>Spillage (accidental release)</b></p>	<p><b>Precautions:</b> Keep people away from and upwind of spill/leak. Avoid dust formation. Avoid contact with spilled product or contaminated surfaces. When dealing with a spillage do not eat, drink or smoke.</p> <p><b>Environmental precautions:</b> 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).</p> <p><b>Methods for cleaning up:</b> Sweep up or vacuum up spillage and collect in suitable container for disposal. Collect and transfer the product into a properly labelled and tightly closed container. Clean floors and contaminated objects with plenty of water.</p> <p><b>Additional advice:</b> Check also for any local site procedures (e.g. risk of flooding).</p>
<p><b>Handling</b></p>	<p><b>Safe handling:</b> No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Avoid dust formation. Ensure adequate ventilation. When using, do not eat, drink or smoke. Remove soiled clothing immediately and clean thoroughly before using again. Contaminated work clothing should not be allowed out of the workplace. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics. Wash hands immediately after work, if necessary take a shower.</p>	<p><b>Storage</b></p>	<p><b>Requirements for storage areas and containers:</b> Store in a place accessible by authorized persons only. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Protect from freezing. Keep away from food, drink and animal feeding stuffs.</p>

Workplace Exposure Limits (WEL)				
Ingredient	8-hour (long term exposure limit)		15-minute (short term exposure limit)	
Bendiocarb	-	0.2 mg/m <sup>3</sup>	-	-
Silica (inhalable dust)	-	6 mg/m <sup>3</sup>	-	-
Silica (respirable dust)	-	2.4 mg/m <sup>3</sup>	-	-



Active Ingredients (if not identified with a WEL)
Nil

Personal Protective Equipment											
											
Glasses	Goggles	Face Shield	Dust Mask	Half Mask RPE	Full Face RPE	Air Fed RPE / SCBA	Gloves	Boots	Apron	Coveralls	Lab / Chefs Coat
	EN166				EN136 A		Nitrile			Cat 3 Type 6	
<b>Other:</b>	Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.										
<b>Physical State of Product:</b>	Beige power in water soluble bags.										



<p><b>Disposal</b></p>	<p><b>Product:</b> In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant. Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK). <b>Contaminated packaging</b> Small containers (&lt; 10 l or &lt; 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times. Add washings to sprayer at time of filling. Dispose of empty and cleaned packaging safely. Large containers (&gt; 25 l or &gt; 25 kg) should not be rinsed or re-used for any other purpose. Return large containers to supplier. Follow advice on product label and/or leaflet.</p>	<p><b>Transport</b></p>	<p>This material may be subject to some or all of the following regulations (and any subsequent amendments). Users must ensure that any uses and restrictions as indicated on the label and/or leaflet are followed. This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.</p>
<p><b>Local Exhaust Ventilation</b></p>	<p>Only use in well ventilated areas.</p>	<p><b>Monitoring Requirements</b></p>	<p>Nil</p>
<p><b>Training Requirements</b></p>	<p>Only properly trained and authorised personnel shall handle the substance. Communicate all relevant COSHH assessments, risk assessments and method statements</p>	<p><b>Additional Controls</b></p>	<p>Nil</p>



## Part 4 - Completion

Additional Comments

<b>Endorsed By:</b>		<b>Position:</b>		<b>Date:</b>	
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