



COSHH Risk Assessment No: 035

Product Name: Oa2Ki Concentrate



Registration number – HSE - n/a		Appearance – Colourless liquid	
Describe the activity or work process. <i>(Inc. how long/ how often this is carried out and quantity substance used)</i>		Organic 'Insecticide' derived from plant extracts for the control of flying and crawling insects. Oa2Ki® is a novel polymer formulation combined in a water-based delivery system that gives rapid knockdown of ants, fleas, bed bugs, flies and small insects. Application rate as necessary through ready to use sprayer. Contains diatomaceous earth.	
Location of process being carried out?		In and around domestic properties, public buildings and food handling establishments.	
Identify the persons at risk:		Employees <input checked="" type="checkbox"/>	Sub-contractors <input type="checkbox"/> Public <input type="checkbox"/>
Name the substance involved including active ingredient, in the process and its manufacturer.		Oa2Ki Concentrate (Barrettine) Active Ingredients – Geraniol, Peg-40 Hydrogenated castor oil, Cocos Nucifera, Citric Acid	

Classification (state the category of danger)

	<input type="checkbox"/> Very Toxic		<input checked="" type="checkbox"/> Eye Irritant		<input type="checkbox"/> Extremely Flammable
	<input type="checkbox"/> Toxic		<input type="checkbox"/> Sensitising		<input type="checkbox"/> Highly Flammable
	<input type="checkbox"/> Corrosive		<input type="checkbox"/> Biological		<input checked="" type="checkbox"/> Flammable
	<input type="checkbox"/> Harmful – lung damage if swallowed		<input type="checkbox"/> Oxidising		<input type="checkbox"/> Environmental

Hazard Type

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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 checked="" 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
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State the Risks to Health from Identified Hazards

EC Classification:
H226 - Flammable liquid and vapour
H319 - Causes serious eye irritation

Control Measures:

Always read label / MSDS before use and comply with details.
Remove non target organisms / People during application
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.

Do not store in direct sunlight
 Do not spray onto open flame or sources of ignition
 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.
 Waste product to be retained and disposed of by Pest Control operator as per EA guidelines.









Safety Phrases:

- S1 Keep locked up. S2 Keep out of the reach of children
- S7 Keep container tightly closed
- S13 Keep away from food, drink and animal feeding stuffs
- S16: Keep away from sources of ignition - No smoking.
- S20/21 When using do not eat, drink or smoke
- S23 – Do not breathe gas/fumes/vapour/spray
- S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28 – In case of contact with skin wash immediately with plenty of water and seek medical advice
- S29 – Do not empty into drains
- S36 - Wear suitable protective clothing
- S38 – In case of insufficient ventilation wear suitable respiratory equipment.
- S44/S45 In case of accident or if you feel unwell, seek medical advice (show the label where possible)
- S49/ S35 Keep in original container and dispose of in a safe way
- S57 Use appropriate container to avoid environmental contamination
- S60/S35 This material and its container must be disposed of as hazardous waste
- S61 Avoid release to the environment. Refer to special instructions / safety data sheets
- S62 If swallowed, do not induce vomiting: seek medical advice immediately and show the label or container

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 type="checkbox"/>		 <input checked="" type="checkbox"/>	Goggles to EN166
Respirator		Goggles	
 <input checked="" type="checkbox"/>	Disposable gloves	 <input type="checkbox"/>	
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 victim to fresh air. Rest. If you feel unwell, seek medical advice (show the label where possible).

Skin: Flush with plenty of water. Take a shower for about 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if ill effect develops. If possible, show this sheet, if not available show packaging or label.

Eyes: Rinse with water. Rinse AWAY from the eye that has not been contaminated. If contact lenses are easy to remove, remove them first then clean. Seek medical attention if ill effect or irritation develops. If possible, show this sheet, if not available show packaging or label.

Ingestion: None under normal conditions.

Storage / Spillage

Storage: Keep in original labelled container, out of reach of children and non-target species. Protected from elements.

Keep container tightly closed in a dry cool and well-ventilated place, out of direct sunlight or temperature greater than 50°C

Spillage – Clean spillages immediately. Avoid entry to watercourses

Disposal of Substances & Contaminated Containers

Hazardous Waste Skip Return to Depot Return to Supplier Other

(If Other Please State):.....		
Summary		
Non Toxic (plant derivatives) spray for non toxic option for insect control. Risks result more from ignition properties		
Risk Rating Following Control Measures		
High <input type="checkbox"/>	Medium <input type="checkbox"/>	Low <input checked="" type="checkbox"/>
Assessed by: Paul Mallett	Date: 02/01/2025	Review Date: January 2026