



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. Dilute concentrate by adding 1 part concentrate to 7.5 parts water. Shake well. 500 ml concentrate makes 4.25 litres of ready to use product. 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 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:

P102 - Keep out of reach of children.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P264 - Wash hands thoroughly after handling.
 P280 - Wear protective clothing, eye protection, face protection, protective gloves.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 - If eye irritation persists: Get medical advice/attention.
 P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Is health surveillance or monitoring required? Yes No

Personal Protective Equipment (state type and standard)

 <input type="checkbox"/>	Dust mask	 <input type="checkbox"/>	Visor
 <input type="checkbox"/>	Respirator	 <input checked="" type="checkbox"/>	Goggles to EN166
 <input checked="" type="checkbox"/>	Gloves	Nitrile Gauntlets to EN374	Type 5/6 Tyvek Coverall
 <input checked="" type="checkbox"/>	Footwear	Steel toe cap boots to be worn as per company dress code.	 <input type="checkbox"/>
		Overalls	

First Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing.
Skin: Rinse skin with water/shower. Take off immediately all contaminated clothing.
Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention
Ingestion: Call a poison centre or a doctor if you feel unwell.

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 Medium Low

