

# COSHH Risk Assessment No: 043

## Product Name: Oa2Ki Powder



|                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                     |
|----------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Registration number – n/a                                                                                            |  | Appearance – White powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
| Describe the activity or work process.<br>(Inc. how long/ how often this is carried out and quantity substance used) |  | Powder applied to areas of insect activity. The Active Ingredient Amorphous silica which physically disrupts the insects' cuticle causing desiccation. Use against ants, silverfish, woodlice, cockroaches, fleas, ticks, earwigs, carpet beetles, spiders, lice, mites, bedbugs, stored product species including saw-toothed grain beetle, rust-red grain beetle, grain weevil, lesser grain beetle, rust-red flour beetle, moth larvae, flour mite, cosmopolitan food mite, and against the poultry red mite. |                                                                                     |
| Location of process being carried out?                                                                               |  | Domestic and commercial premises as per label requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |
| Identify the persons at risk:                                                                                        |  | Employees <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sub-contractors <input type="checkbox"/> Public <input checked="" type="checkbox"/> |
| Name the substance involved including active ingredient, in the process and its manufacturer.                        |  | Amorphous silica 100%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |

### Classification (state the category of danger)

|                                                                                     |                                                   |                                                                                     |                                                        |                                                                                       |                                              |
|-------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|
|   | <input type="checkbox"/> Very Toxic               |   | <input type="checkbox"/> Irritant - dermatitis causing |   | <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 type="checkbox"/> Flammable           |
|  | <input type="checkbox"/> Harmful – eye irritation |  | <input type="checkbox"/> Oxidising                     |  | <input type="checkbox"/> Environmental       |

### Hazard Type

|                          |                          |                          |                          |                                     |                          |                                     |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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): |
|-----|--------------------------------------|

### State the Risks to Health from Identified Hazards

EC Classification: Not classified

### Control Measures:

Always read label / MSDS before use and comply with details.  
 To be used by trained operative (professional) only  
 Keep in 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.  
 Avoiding dispensing in a way which creates airborne dust  
 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  
 S14 Keep away from impurities, decomposition catalysts, alkalis, reducing agents, flammable substrates  
 S20/21 When using do not eat, drink or smoke  
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection  
 S44/S45 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 This material must be disposed of as hazardous waste unless empty, clean containers which can be disposed of as non-hazardous waste  
 S61 Avoid release to the environment. Refer to special instructions / safety data sheets  
 S62 If swallowed; seek medical advice immediately and show the label or container  
 Wash hands before breaks and at end of the works  
 If swallowed contact Doctor immediately

Is health surveillance or monitoring required?

Yes ☐ No ☒

#### Personal Protective Equipment (state type and standard)

|                                                                                                                        |                                                           |                                                                                                                         |                                          |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
|  <input checked="" type="checkbox"/>   | During application P3 filtered mask EN139                 |  <input type="checkbox"/>              |                                          |
| Dust mask                                                                                                              |                                                           | Visor                                                                                                                   |                                          |
|  <input checked="" type="checkbox"/>   |                                                           |  <input type="checkbox"/>              |                                          |
| Respirator                                                                                                             |                                                           | Goggles                                                                                                                 |                                          |
|  <input checked="" type="checkbox"/> | Multi purpose gloves to EN374                             |  <input checked="" type="checkbox"/> | Disposable suit if risk of contamination |
| 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:** Move the affected person into fresh air. Blow nose to evacuate dust

**Skin:** Wash with soap and water. No special first aid measures necessary.

**Eyes:** Rinse with copious quantities of water and seek medical attention if irritation persists.

**Ingestion:** No first aid measure required.

#### Storage / Spillage

**Storage:** Keep in original labelled container in designated, controlled pesticide store, out of reach of children and protected from elements. Keep container tightly closed in a dry cool and well-ventilated place. Avoid temperatures above 50°C

**Spillage –** Clean spillages immediately. Avoid entry to watercourses. With low level spillage dilute with water and rinse away

#### Disposal of Substances & Contaminated Containers

**Hazardous Waste** ☒ Skip ☐ Return to Depot ☐ Return to Supplier ☒ Other ☐

Is exposure adequately controlled?

Yes ☒ No ☐

#### Risk Rating Following Control Measures

High ☐ Medium ☐ Low ☒

Assessed by: Paul Mallett

Date: 02/01/2025

Review Date: January 2026