MATERIAL SAFETY DATA SHEET
- Dryacide Insect Dessicant Dust -

APVMA Reg. No. 67976/59275

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company: Entosol (Australia) Pty Ltd.
ABN: 29 094 164 842
Address: P.O Box 28, Roselands NSW 2196 Australia
Telephone Number: 02 9758 4552. Facsimile Number: 02 9758 4882
Emergency Telephone No: 0412 522 049 (24 hour basis)
Product Name: Dryacide Insect Dessicant Dust
Other Names: Diatomaceous Earth, Amorphous silica.
UN Number: None allocated.
Hazchem Code: None allocated.
Poisons Schedule Number: None allocated
Use: Controls insect pests in stored grain, grain-handling machinery and storage facilities. Apply to grain as it passes through the grain auger with a dust applicator. Apply to machinery and empty storage facilities with a bellows-type hand duster or power operated duster for large storage areas. It can be applied as water-based slurry for fabric treatment of grain and food-product storage facilities and for surface-layer treatment of stored paddy rice.

SECTION 2. HAZARDS IDENTIFICATION

Summary: When correctly used, there is no toxicity hazard incurred by the use of Dryacide Insect Dessicant Dust. The silica has an amorphous, non-crystalline structure. As found with any other fine inert dust, over-exposure to this dust without a dust mask may result in irritation of the upper respiratory tract and lungs.

Medical Conditions which may be aggravated: Pre-existing upper respiratory and lung disease such as, but not limited to Bronchitis, Emphysema and Asthma.

Acute Health Effects:
- Swallowed: Not hazardous when ingested.
- Eye: Transitory eye irritation.
- Skin: Not applicable
- Inhaled: Transitory upper respiratory irritation.

Chronic Health Effects: Prolonged exposure to the dust may cause mild eye and skin irritation in some susceptible people. Prolonged exposure to airborne dusts of any kind, including this dust, may have an adverse pulmonary effect on some people.

- Eyes: Flush eyes with large quantities of water. If irritation persists, consult a physician.
- Swallowed: Not applicable.
- Skin: Not applicable.
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Proportion</th>
<th>TWA Exposure Limits*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Diatomaceous earth, (DE),</td>
<td>61790-53-2</td>
<td>&gt;90% w/w</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Silica gel</td>
<td>112926-00-8</td>
<td>&lt;10% w/w</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Crystalline silica as contaminant of DE</td>
<td>14808-60-7</td>
<td>&lt;0.1% w/w</td>
<td>0.10 mg/m³</td>
</tr>
<tr>
<td>As Quartz (beach sand contaminant)</td>
<td>14464-46-1</td>
<td>Not detectable</td>
<td>0.05 mg/m³</td>
</tr>
</tbody>
</table>

* Respirable

SECTION 4. FIRST AID MEASURES

**Eyes:** Flush with plenty of water. Contact a physician if irritation persists.

**Skin:** Remove contaminated clothing and wash affected areas with soap and water.

**Ingestion:** Drink one or two glasses of water and contact a physician if breathing difficulty persists.

**Inhalation:** Move person to fresh air.

SECTION 5. FIRE FIGHTING MEASURES

This material is a non-flammable solid and presents no explosion hazard.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spilled or leaked material should be removed with a vacuum or swept into a container for reclamation or disposal. Wash residues away with water.

SECTION 7. HANDLING & STORAGE

Storage considerations – store in original sealed or resealed bags in a dry place. Keep dry.

Handling precautions – minimize inhalation. Use a dust mask and goggles when prolonged exposure to the dust is unavoidable.

SECTION 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

**Eyes/Face Protection:** Safety Glasses

**Skin Protection:** None. If dry skin is annoying, wear impervious gloves and barrier cream.

**Respiratory Protection:** Use a suitable dust mask.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** Off-white to beige coloured dust with no odour. Non-flammable solid, non-volatile presenting no explosion hazards.

**Boiling Point/Melting Point °C:** Not applicable/ >1,600

**Vapour Pressure:** Not applicable

**Specific Gravity:** 2.3

**Bulk Density:** 0.3 g/ml

**Solubility in water:** Negligible
SECTION 10.  STABILITY & REACTIVITY

Stability: Stable

Hazardous Polymerization will not occur.

SECTION 11.  TOXICOLOGICAL INFORMATION

Eye Effects: Mild to non-irritating
Skin Effects: Non-irritating; negligible absorption

SECTION 12.  ECOLOGICAL INFORMATION

This is a natural material and should not be considered polluting to streams, lakes or general ground areas.

SECTION 13.  DISPOSAL CONSIDERATIONS

Spilled or leaked material – vacuum or sweep into a container for reclamation or disposal in landfill or approved waste disposal facility. Wash residues away to drain with water. Discharge excess slurry onto absorbent ground or soil.

SECTION 14.  TRANSPORT INFORMATION

Shipped in poly-lined poly-woven bags weighing 11.35 kilograms.

SECTION 15.  REGULATORY INFORMATION

Not classified as hazardous according to criteria of SafeWork Australia.

This information is provided in good faith but without expressed or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label directions.