MATERIAL SAFETY DATA SHEET

Section 1: CHEMICAL IDENTITY AND USE
Product Name: UNICORN
Active ingredient: Sulphur & Tebuconazole
Chemical Classification: Non Metallic Element & azole  Mol. Formula: Sx & C16H22ClN3O
Chemical Name: Sulphur & (RS)-1-p-chlorophenyl)-4,4-dimethyl-3-(1H-1,2,4-triazol-1-ylmethyl)-pentan-3-ol
CAS No.: 7704-34-9. & 107534-96-3  Molecular weight: 32.1 & 307.8
USE of product: Fungicide and Acaricide.

Section 2: COMPOSITION /INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No.</th>
<th>%</th>
<th>EU number</th>
<th>PEL/TLV</th>
<th>EU class</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Sulphur</td>
<td>7704-34-9</td>
<td>70.00</td>
<td>DNA</td>
<td>DNA</td>
<td>DNA</td>
</tr>
<tr>
<td>2. Tebuconazole</td>
<td>107534-96-3</td>
<td>04.50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additive &amp; Inerts</td>
<td></td>
<td>25.50</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3: HEALTH HAZARD INFORMATION
Acute exposure health effects:
May cause nausea, headache, diarrhoea if ingested large quantities. Do not take it orally. May cause eye or dermal irritation if exposed to eye or skin. Avoid eye and skin contact. Harmful if inhaled. Avoid breathing dust or spray mist.
Emergency treatment: If inhaled, remove victim to fresh air. If gets in eyes, flush with water. If falls on skin, wash with soap and water. Remove contaminated clothing. If irritation persists, contact a doctor. If swallowed, induce vomiting by touching back of throat with finger or by giving an ounce of syrup of ipecac with 2 glasses of water. Do not give anything by mouth to an unconscious person.

STEL (ACGIH) DNA IDLH DNA
NFPA Hazard signals: Health = 1 Fire = 1 Reactivity = 0

Section 4: FIRST AID MEASURES
If poisoning occurs, call a doctor or Poison Information Centre.
Eyes: Hold eye open and rinse eyes gently with clean water for at least 15 minutes.
Skin: Take off the contaminated clothing; wash exposed skin thoroughly with soap & water.
Inhalation: Remove from contaminated source to open space / fresh air; maintain respiration.
Ingestion: Seek medical advice; do not give anything by mouth to an unconscious person.
Antidote: Treat symptomatically.
### Section 5: FIRE AND EXPLOSION HAZARD

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>Explosion sensitivity to static Electricity</td>
<td>Yes</td>
</tr>
<tr>
<td>Material</td>
<td>No</td>
</tr>
<tr>
<td>Corrosive Material</td>
<td>No</td>
</tr>
<tr>
<td>Oxidizer</td>
<td>No</td>
</tr>
<tr>
<td>Flammability LEL % V</td>
<td>Not pertinent</td>
</tr>
<tr>
<td>UEL % V</td>
<td>Not pertinent</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>DNA</td>
</tr>
<tr>
<td>Explosion sensitivity to Impact</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Flammable Material</td>
<td>No</td>
</tr>
<tr>
<td>Pyrophoric Material</td>
<td>No</td>
</tr>
<tr>
<td>Hazardous polymerization</td>
<td>No</td>
</tr>
<tr>
<td>Fire fighting media</td>
<td>Fog, Foam, dry agent</td>
</tr>
<tr>
<td>Special procedure</td>
<td>No</td>
</tr>
</tbody>
</table>

### Section 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken, if material spills:
- Evacuate and cut off endangered area.
- Sweep up spilled material in dry state without creating dust cloud.
- Keep in suitable closed bags for disposal.
- Do not allow material to enter waterbodies.

### Section 7: WASTE DISPOSAL CONSIDERATIONS

Waste Disposal method:
- Local regulations should be adhered to.
- Destroy the empty containers in a safe and at authorized places.
- Incineration in controlled furnace. If burnt, avoid inhalation of smoke (if burning permitted).
- Never re-use empty packs.

### Section 8: HANDLING AND STORAGE PRECAUTION

Handle and open container in a manner as to avoid spillage.
- Store in the original container in a cool, dry, well ventilated area under lock and key.
- Do not store for long periods in direct sunlight.
- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or tobacco or smoking.

### Section 9: PERSONAL PROTECTIVE

Use protective clothing while handling pesticides.
- Remove clothing immediately if it gets in and put on fresh clothing.
- Decontaminate clothes and equipment with soap and water.
- Eyewash and washing facilities must be readily available, for emergency use.

### Section 10: PHYSICAL AND CHEMICAL INFORMATION

Physical state: Solid
- Appearance: Brown colour granules
- Wettability: Max. 60.0 sec.
- pH: 6 - 8.5
- Persistence foam: Max. 25.0 mL

### Section 11: STABILITY AND REACTIVITY DATA

Chemical stability: Stable under normal condition.
- Incompatible with other material: None
- Reactivity: None
- Conditions to avoid: Exposure to moisture, extreme heat and direct prolonged sunlight.
- Hazardous reaction product: None
Section 12: TOXICITY INFORMATION

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>&gt; 2000 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal</td>
<td>&gt; 2000 mg/kg (rat)</td>
</tr>
<tr>
<td>Inhalation</td>
<td>&gt; 5.0 mg/L (rat)</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Non irritant (for rabbits)</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Non irritant (for rabbits)</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Weak skin sensitizer (Guinea Pig)</td>
</tr>
</tbody>
</table>

Section 13: ECOLOGICAL INFORMATION

Sulphur: Non-toxic to bees, fish and wild life.
Tebuconazole: Birds: Acute oral LD$_{50}$ for male Japanese quail 4438, female Japanese quail 2912, bobwhite quail 1988 mg/kg; Fish: LC$_{50}$ (96 h) for Rainbow trout: 6.4mg/L; Bees: Non-toxic to bees; Daphnia: LC$_{50}$ (48 h) 11.5mg/L; Algae E$_{C50}$ (96 h) for Scenedesmus subspicatus 4.01 mg/L.

Avoid drift, runoff and direct application to water bodies and area with surface water.

Section 14: TRANSPORT INFORMATION

Proper shipping name: Environmentally hazardous substance, solid, N.O.S.
State of chemical : Solid
IMCO class : 9
UN number : 3077
IMDG : 9029

Section 15: PACKING INFORMATION

Packed multi-wall paper bags. Packing group-III.

Section 16: DISCLAIMER

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