ChemCerti Storage Guide for Hazardous Chemicals

Chemical Shed 10 Point Guide

1. Fire & Weather Resistant Structure, chemicals protected from extreme heat and UV exposure.
2. Well lit with strong metal shelving to prevent people stacking drums on top of each other.
3. Original Containers with intact legible label, never decant into food/beverage container.
4. Bunded non slip concrete floor to contain 25% of total volume or 100% of the largest package.
5. Segregated & correctly stored, separate flammables by at least 3 metres and pesticides from animal food and feedstuffs/seed/fertilisers, out of direct sunlight and away from materials that burn readily like oils, hay, straw, old tyres, saw dust and tall dry grass. Solids should be stored above liquids.
6. Spill kit should be kept inside the storage area suitable for the chemicals housed.
7. Placard to display Manifest Quantity
8. Ventilated (cross flow & roof exhaust vent), seek advice over the use of shipping containers.
9. Fire extinguisher, first aid kit and PPE should be kept nearby and maintain a safety shower and eyewash station capable of 15 minute eyewash in the event of a pesticide splash into the eyes.
10. Lockable with a child proof latch and appropriate signage.

Hazardous Chemical Storage

Federal - Make sure all Agvet chemicals stored carry an APVMA approval number
EPA - Waste management – spills, chemical and container disposal – Chemclear and drumMuster
WHS - Keep a register of all hazardous chemicals and their current (less than 5 years old) safety data sheets (sds)

Larger quantities - placarding, manifests and notification

<table>
<thead>
<tr>
<th>GHS Hazard class</th>
<th>GHS Hazard category</th>
<th>ADG Class/ Packing Group</th>
<th>Placard quantity</th>
<th>Placard to display</th>
<th>Manifest Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity 1</td>
<td>6.1 PG 1</td>
<td>50 Kg/L</td>
<td>TOXIC</td>
<td>500 Kg or L</td>
<td></td>
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<tr>
<td>&quot;</td>
<td>6.1 PG 11</td>
<td>250 Kg/L</td>
<td></td>
<td>2,500 Kg or L</td>
<td></td>
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<tr>
<td>&quot;</td>
<td>6.1 PG 111</td>
<td>1,000 Kg/L</td>
<td></td>
<td>10,000 Kg or L</td>
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</tbody>
</table>

As a general rule GHS flammable liquids, Skin corrosion and Oxidising liquids and solids require the same placard and manifest quantities as above but display their own respective placards.

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