

**EMERGENCY INFORMATION AND STORAGE GUIDE / DANGEROUS GOODS DECLARATION**

**Mankocide® DF Fungicide**

**Substance:** Dark green granules containing 300g/kg copper hydroxide (CAS No. 20427-59-2) and 150g/kg mancozeb (CAS No. 8018-01-7)  
**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, NOS (Mancozeb, copper hydroxide)

| UN No.                                                                                                    | DG Class | Subsidiary Risk Class | Packing Group | Flash Point (°C)         | HAZCHEM | Marine Pollutant                      | Maximum Transport Quantity |
|-----------------------------------------------------------------------------------------------------------|----------|-----------------------|---------------|--------------------------|---------|---------------------------------------|----------------------------|
| 3077                                                                                                      | 9        | N/A                   | III           | N/A                      | 2Z      | YES                                   | N/A                        |
| <b>Hazard Classifications</b> [ERMA Approval Code: HSR000614]<br>6.1D, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.3B |          |                       |               | <b>Tracking Required</b> |         | <b>Approved Handler</b><br>All stages | <b>IER Guide</b><br>47     |

**EMERGENCY PROCEDURES**

**24 HOUR ADVICE IN AN EMERGENCY ONLY: 0800 243 622**

| IF THIS HAPPENS                | DO THIS                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tanker/Vehicle Accident</b> | Switch off engine and electrical equipment. Keep people away, warn other traffic. Check for spills, leaks. <b>Call the emergency services: Dial 111</b>                                                                                                                                                                                                                                                                                      |
| <b>Spill or leak</b>           | Eliminate all ignition sources and naked lights. Use non-sparking utensils. Wear PVC overalls, chemical resistant gloves, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal. |
| <b>Fire</b>                    | <b>Call the Fire Service: Dial 111.</b> Wear PVC protective clothing and breathing apparatus. Extinguish fires with foam, dry chemical or carbon dioxide. During a fire toxic fumes may be released. Cool sealed drums with water to prevent rupture due to thermal expansion. Contain run-off. Keep non-involved persons away.                                                                                                              |

**FIRST AID**

|                     |                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>If Swallowed</b> | DO NOT induce vomiting. <b>For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately</b>                 |
| <b>If in Eyes</b>   | Hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Get medical attention.                             |
| <b>If on Skin</b>   | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin.                  |
| <b>If Inhaled</b>   | Remove patient to fresh air. If not breathing, give artificial respiration, preferably mouth-to-nose. Get medical attention if symptoms develop. |

**STORAGE AND SEGREGATION SUMMARY**

**Storage:** Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Store away from foodstuffs, animal feed, children and animals. Keep container sealed when not in use.

**Aggregate Storage Volume Thresholds:** When stored with substances of the same hazard the aggregate quantity must be considered. For full details refer to the current NZS8409 Management of Agrichemicals and the HSNO Regulations.

| Location Certificate                             | Hazardous Atmosphere Zone | Number of Fire Extinguishers | Hazard Class & Emergency Action Signage | Emergency Information | Emergency Plan | Secondary Containment |
|--------------------------------------------------|---------------------------|------------------------------|-----------------------------------------|-----------------------|----------------|-----------------------|
| Not Required                                     | Not Required              | N/A                          | 100kg                                   | 0.1kg                 | 100kg          | 100kg                 |
| Note: Farms ≥ 4 ha are exempt but with controls. |                           |                              |                                         |                       |                |                       |

**DO NOT Store or Load With:**

Class 1 Explosives

**Segregate From:** Food items (in a segregation device)

**Segregation:** Check the Land Transport Rule Dangerous Goods 2005, Rule 45001/1 for additional information. Sea transport may require additional segregation. Refer NZS5433, sea segregation, for details.

|                                                                                                                                                                                                                                                                                                                                                                            |                                                    |                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------|
| <b>Number and Kind of Packages:</b>                                                                                                                                                                                                                                                                                                                                        | Gross Weight: Kg                                   | <b>Volume:</b> m <sup>3</sup> |
| <b>Consignor:</b>                                                                                                                                                                                                                                                                                                                                                          | <b>Consignee:</b>                                  |                               |
| <b>Dangerous Goods Declaration:</b><br>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled, and are in all respects in proper condition for transport according to the applicable international and national rules, regulations and legislation. | <b>Name:</b><br><b>Title:</b><br><b>Signature:</b> | <b>Date:</b>                  |