

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

Product name – Micene DF

Use – Fungicide

Formulation type – Water dispersible granule

Supplier – Sipcam UK Limited, 3 The Barn, 27 Kneesworth Street, Royston, Herts SG8 5AB

Emergency phone no – Office 01763 212100

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Mancozeb	Hexamine	Wetting agent
CAS/EC no	8018-01-7, 006-076-00-1		
Hazard Symbol	Xi, N	F,XN	Xi
R phrases	R37 – R43	R11 – R42/43 R50-53	R36/38
Conc <sup>a</sup>	77%	2%	1-3%

## 3. HAZARDS IDENTIFICATION

Critical Hazard to man – Irritation to respiratory system. May cause sensitization by inhalation or skin contact.

## 4. FIRST AID MEASURES

General advice – Remove from source of exposure.

Remove all contaminated clothing and wash affected area.

Inhalation – Remove the individual from exposure to this product and keep well ventilated with fresh air. Keep at rest. If necessary and if breathing stops, give artificial respiration. Seek medical attention.

Skin contact – Remove contaminated clothing immediately.

Wash affected area with soap and water. Rinse with water. Seek medical attention.

Eye contact – Rinse immediately with plenty of water for at least 15 minutes and then seek medical attention.

Ingestion – If swallowed, seek medical attention immediately.

Poisoning symptoms – Symptoms may not be apparent immediately but may occur after a few hours; therefore maintain under medical supervision for at least 48 hours.

Treatment – No Specific antidote. Treat Symptomatically and Supportive.

## 5. FIRE FIGHTING MEASURES

Suitable extinguishing media – Fight fire with CO<sub>2</sub>, dry chemical powder, foam or water spray (in preference to water jet).

Specific hazards – Combustion may generate toxic fumes containing HCL, CO and NO<sub>2</sub>. Under certain fire conditions traces of other toxic gases cannot be excluded.

Protective equipment – Wear self-contained breathing apparatus (SCBA).

Specific Methods – Cool containers with spray. Contain fire-fighting water, bunding if necessary with sand, earth, or other inert material.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment – Wear protective coveralls, neoprene gloves, rubber boots and faceshield or goggles, covering as much of the body as possible (See Section 8).

Environmental protection – HARMFUL TO FISH OR AQUATIC LIFE. Do not contaminate surface water or ditches with chemical or used container.

Inform local water plc immediately if spillage enters drains and the National Rivers Authority (England and Wales) or River Purification Boards (Scotland), if it enters surface or ground waters.

Clean up Methods – Contain or absorb spillage with sand or earth. Sweep up carefully and shovel sweepings into marked bags or drums. Dispose of through a reputable local waste disposal contractor.

## 7. HANDLING AND STORAGE

Handling – Use Personal Protective Clothing as specified in Section 8. Avoid fumes – work in a well ventilated area.

Storage – KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. Protect from frost. Keep away from heat sources and direct sunlight.

### Other

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH SPLASHES from skin or eyes immediately.

AVOID ALL CONTACT BY MOUTH, WITH SKIN AND EYES.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits – Mean exposure limit value of dusts 10 mg/m<sup>3</sup>

Engineering measures – Use a cab fitted with a forced air filtration unit with a pesticide filter when spraying wherever possible.

Personal Protective Equipment – WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES\* AND FACE PROTECTION (FACESHIELD) when handling the concentrate. (\*neoprene or nitrile at least 0.6mm thick).

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

Where PPE cannot be cleaned, dispose of as contaminated waste.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

State – Micro-granule

Density – 580 - 630 kg/m<sup>3</sup>

Colour – Grey/yellow

Odour – Faint acidic

pH (5% in water) – 6-7.5

Self ignition temperature – 159°C

Flammability – Non Flammable

Melting Point – Decomposes on heating

Solubility – Dispersible in water

## 10. REACTIVITY AND STABILITY

Stability – Stable under normal ambient conditions. Non-flammable and non-corrosive.

Condition to avoid – Protect from humidity, high temperatures and direct sunlight.

## 11. TOXICOLOGICAL INFORMATION

Acute oral LD<sub>50</sub> (rat) – >5,000 mg/kg

Acute dermal LD<sub>50</sub> (rabbit) – >2,000 mg/kg

Inhalation LC<sub>50</sub> (4h rat) – >4.8 mg/l

Irritation to skin – Not irritant

Irritation to eye Irritation – Not irritant

Sensitisation – May cause sensitization by skin contact.

## 12. ECOLOGICAL INFORMATION

### Mobility

(ai) Virtually immobile Koc >2000

### Ecotoxicity

(ai) Rainbow Trout LC<sub>50</sub> 2.2 mg/l (96hr)

(ai) Bees (contact) LD<sub>50</sub> 0.193 mg/bee

## 13. DISPOSAL

Contact Local Authority (Environmental Health Department) or a reputable waste disposal company for collection and disposal of unwanted product or containers.

For further guidance on the disposal of containers, surplus spray solution, tank washings and concentrate, refer to Part 5 (Disposal of Pesticide Waste) of the MAFF/HSE booklet "Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings".

## 14. TRANSPORT

UN Number – 3077

Packaging Group – III

Marine Pollutant – P

ADR/RID Classification – 9, 12°C

IMDG/IMO Classification – 9, Page 9029, UN3077, III, P

Proper shipping name – ENVIRONMENTALLY HAZARDOUS SUBSTANCE. SOLID N.O.S (MANCOZEB) – Class 9, UN3-77, PGIII, MARINE POLLUTANT

## 15. REGULATORY INFORMATION

Hazard Symbol – Xi Irritant.

N Dangerous for the environment.

Risk Phrases – R37 Irritating to respiratory system.

R42/43 May cause sensitization by inhalation and skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases – S2 Keep out of reach of children.

S8 Keep container dry.

S13 Keep away from food, drink and animal feeding-stuffs.

S20/21 When using do not eat, drink or smoke.

S35 This material and its container must be disposed of in a safe way.

S36/S37 Wear suitable protective clothing and gloves.

S49 keep only in the original container.

## 16. OTHER INFORMATION

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

### Packaging

Container – 10 KG POLYETHYLENE LINED PAPER SACK

Approval number – MAPP 09957

## IMPORTANT

The data in these sheets is provided in good faith and is accurate to the best of our knowledge and belief and based on latest available information.