

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

Product name – Globe

MAPP – 10399

Use – Fungicide

Formulation type – Wettable powder

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

Common name – Mancozeb

CAS/EC no – 8018-01-7, 006-076-00-1

Hazard Symbol – Xi

R phrases – R37, R43

Conc<sup>a</sup> – 70%

Common name – Cymoxanil

CAS/EC no – 57966-95-7

Hazard Symbol – Xn, N

R phrases – R22, R43, R50/53

Conc<sup>a</sup> – 6%

## 3. HAZARDS IDENTIFICATION

Critical Hazard to man – HARMFUL IF SWALLOWED. MAY CAUSE SENSITISATION BY SKIN CONTACT.

Critical Hazard to environment – Very Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

## 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 thoroughly with soap and water.

Rinse with more 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, Rinse out mouth with water, seek medical attention immediately. Do not induce vomiting for an unconscious person.

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.

Consult a Poisons Centre such as;

0171 635 9191 (National Poisons Information Service - London)

(AUTHORISED MEDICAL PRACTITIONERS ONLY)

## 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 SO<sub>2</sub>, HCL, CO and NO<sub>3</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 – DANGEROUS 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, 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.

The product is not explosive.

Store under dry conditions.

Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Exposure Limits

CAS – 57966-95-7

Material – Cymoxanil

% – 2.5-10

Type – TWA

Value (unit) – 5 mg/m<sup>3</sup>

CAS – 8018-01-7

Material – Mancozeb

% – 70-80

Type – TWA

Value (unit) – 5 mg/m<sup>3</sup>

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

## Personal Protective Equipment

Wear suitable protective clothing and gloves.

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate and when handling contaminated surfaces.

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 – Powder

Density – 0.3-0.4 g/cm<sup>3</sup> @ 20°C

Colour – Yellow

Odour – Characteristic

Ignition temperature – Not self igniting

Explosive properties – Not explosive

Flammability – Not Flammable

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) – Mancozeb 5000 mg/kg  
Cymoxanil 1196 mg/kg

Acute dermal LD<sub>50</sub> (rat) – Mancozeb 5000 mg/kg  
Cymoxanil >3000 mg/kg

Acute inhalation (rat) – Cymoxanil >5.06 mg/l/4h

Irritation to Skin – Not irritant

Irritation to eye – Slight irritant

Sensitisation – May cause sensitisation by skin contact

Other ADI mg/kg b.w – cymoxanil 0.016 / mancozeb 0.03

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

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

LC<sub>50</sub> Cymoxanil 61 mg/l (96hr)

Carp LC<sub>50</sub> Mancozeb 4.0 mg/l (96hr)

LC<sub>50</sub> Cymoxanil 91 mg/l (96hr)

## 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 – MARINE POLLUTANT

ADR/RID Classification – 9, 12c Kemler: 90

IMDG/IMO Classification – 9, 9029

Proper shipping name – ENVIRONMENTALLY HAZARDOUS SUBSTANCE.

SOLID N.O.S (contains MANCOZEB 70% w/v / CYMOXANIL 6%).

## 15. REGULATORY INFORMATION

Hazard Symbol – Xn Harmful.  
– N Dangerous for the environment.

Risk Phrases (R) – R22 Harmful if swallowed.  
R43 May cause sensitisation by skin contact.  
R50-53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety Phrases (S) – S35 This material and its container should be disposed of in a safe way.  
S36/37 Wear suitable protective clothing and gloves.  
S57 Use appropriate containment to avoid environmental contamination.

## 16. OTHER INFORMATION

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

Packaging – Container.

Container – 4.5 kg polyethylene lined paper sack.

Approval number – MAPP 10399