

南通宝叶化工有限公司

Nantong Baoye Chemical Co.,Ltd.

地 址: 江苏省南通市船闸西路 78 号,226005

Address :NO.78 Chuanzha Road(W),Nantong,Jiangsu,China(P.R.) ,226005

电话(Tel): +86-513-85541236 传真(Fax): +86-513-85603731

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Product information

Product name: Cymoxanil 8%+Mancozeb 64% WP

Synonyms: B10045722

Use of the Substance/

Preparation: fungicide

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name CAS-No. Concentration [%]

Mancozeb 8018-01-7 64% min

Cymoxanil 57966-95-7 8% min

Others up to 100%

3. HAZARDS IDENTIFICATION

Irritating to eyes and respiratory system.

May cause sensitization by inhalation and skin contact.

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

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Oxygen or artificial respiration if needed. Call a physician immediately.

Skin contact: Wash off immediately with soap and plenty of water. Take off all contaminated clothing immediately. If skin irritation persists, call a physician.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, dry chemical, foam, carbon dioxide (CO₂).

Extinguishing media which must not be used for safety

reasons: High volume water jet.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Further information: If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers / tanks with spray water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear personal protective equipment.

Environmental precautions: Do not flush into surface water or sanitary sewer system.

Methods for cleaning up: Clean up promptly by scoop or vacuum. Use approved industrial

南通宝叶化工有限公司

Nantong Baoye Chemical Co.,Ltd.

地 址: 江苏省南通市船闸西路 78 号,226005

Address :NO.78 Chuanzha Road(W),Nantong,Jiangsu,China(P.R.) ,226005

电话(Tel): +86-513-85541236 传真(Fax): +86-513-85603731

vacuum cleaner for removal. Shovel into suitable container for disposal.

7. HANDLING AND STORAGE

Handling

Advice on safe handling: Provide appropriate exhaust ventilation at places where dust is formed. Wear personal protective equipment.

Advice on protection against fire and explosion: Keep away from heat and sources of ignition.

Storage

Requirements for storage areas and containers: Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only.

Storage temperature: < 49 °C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION ENGINEERING CONTROLS

Ensure adequate ventilation, especially in confined areas.

PERSONAL PROTECTION/ENGINEERING CONTROLS

Respiratory protection: Half mask with a particle filter
FFP2/FFP3 (EN149)

Hand protection: Material: rubber gloves
Do not wear cotton gloves.

Eye protection: Safety glasses face-shield

Skin and body protection: Protective suit

Hygiene measures: Wash hands and face before breaks and immediately after handling the product. Keep away from food, drink and animal feedingstuffs. When using, do not eat, drink or smoke. Do not breathe dust. Avoid contact with the skin and the eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Wettable powder

Colour: Yellow

Odour: None

pH: 7~9 at 10 g/l (25 °C)

Flash point: Not applicable

Thermal decomposition: Decomposes before melting

Explosive properties: Not explosive

Lower explosion limit: 0,27 %(V)

Bulk density: 600 kg/m³

Solubility/qualitative: dispersible

10. STABILITY AND REACTIVITY

Materials to avoid: Acids

Hazardous decomposition products: Sulphur compounds, nitrogen oxides (NO_x), Carbon oxides

Hazardous reactions: No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD50/rat: > 2 000 mg/kg

南通宝叶化工有限公司

Nantong Baoye Chemical Co.,Ltd.

地 址: 江苏省南通市船闸西路 78 号,226005

Address :NO.78 Chuanzha Road(W),Nantong,Jiangsu,China(P.R.) ,226005

电话(Tel): +86-513-85541236 传真(Fax): +86-513-85603731

Acute inhalation toxicity: LC50/4 h/rat: > 5,4 mg/l

Acute dermal toxicity: LD50/rat: > 2 000 mg/kg

Skin irritation: No skin irritation

Eye irritation: Eye irritation

Sensitization: May cause sensitisation by skincontact.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish: LC50/96 h/Rainbow trout: 0,46 mg/l

Toxicity to algae: EC50/72 h/Algae: 0,30 mg/l

Aquatic toxicity: EC50/48 h/Daphnia:0,71 mg/l

13. DISPOSAL CONSIDERATIONS

Product: In accordance with local and national regulations.Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

ADR

Class: 9

Packaging group: III

Classification Code: M7

HI No.: 90

UN-No.: 3077

Labelling No.: 9

Proper shipping name: ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, SOLID, N.O.S. (contains Mancozeb)

IATA C

Class: 9

Packaging group: III

UN-No.: 3077

Labelling No.: 9MI

Proper shipping name: ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, SOLID, N.O.S. (contains Mancozeb)

IMDG

Class: 9

Packaging group: III

UN-No.: 3077

Labelling No.: 9

Proper shipping name: ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, SOLID, N.O.S. (contains Mancozeb)

15. REGULATORY INFORMATION

Labelling according to EEC Directive

Symbol(s): Xn Harmful

N Dangerous for the environment

Hazardous

components: Mancozeb

南通宝叶化工有限公司

Nantong Baoye Chemical Co.,Ltd.

地 址: 江苏省南通市船闸西路 78 号,226005

Address :NO.78 Chuanzha Road(W),Nantong,Jiangsu,China(P.R.) ,226005

电话(Tel): +86-513-85541236 传真(Fax): +86-513-85603731

Cymoxanil

Hexamethylenetetramine

R-phrases(s): R36/37 Irritating to eyes and 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.

S-phrases(s): S22 Do not breathe dust.

S24 Avoid contact with the skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 Wear suitable gloves and eye/face protection.

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

S57 Use appropriate containment to avoid environmental contamination.

Exceptional labelling of special preparations: To avoid risks to man and the environment, comply with the instructions for use.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

R11 Highly flammable.

R22 Harmful if swallowed.

R37 Irritating to respiratory system.

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

R43 May cause sensitization by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.