

ODEON 825 WDG

R-10861.G

SECTION 1. Identification of the substance/mixture and of the company/undertaking

Trade name : ODEON 825 WDG
 Type of product : Fungicide
 Chemical formula : C₈Cl₄N₂
 Company identification : Makhteshim Chemical Works Ltd.
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 Beer Sheva 84100 Israel.
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Phone nr : 972-3-6106666 Subscription no. 36789 (Makhteshim)

SECTION 2. Hazards identification

Classification (Directive 67/548/EEC - 1999/45/EC) : Irritating to eyes.
 Limited evidence of a carcinogenic effect.

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

SECTION 3. Composition/information on ingredients

Components : This product is considered to be hazardous and contains hazardous components.

Substance name	Concentration % w/w	CAS No	EC No	Index No	REACH Reg.	Classification
Chlorothalonil	82.5 %	1897-45-6	217-588-1	608-014-00-4	----	Carc. Cat. 3; R40 T+; R26 Xi; R37-41 R43 N; R50-53 (M fact. = 10)

SECTION 4. First aid measures

First aid measures

Inhalation : Remove victim to fresh air. Obtain medical attention. Keep victim warm and at rest.

Skin contact : Remove affected clothing and wash all exposed skin area with soap and water, followed by warm water rinse. Consult a doctor in the event of any complaints.

Eye contact : Contact ophthalmologist immediately. Rinse immediately with plenty of water. Maintain eyelids open.

Ingestion : Do not induce vomiting. Wash out mouth with plenty of water. Never give anything by mouth to an unconscious person. Seek medical advice.

SECTION 5. Fire-fighting measures

Suitable extinguishing media : Dry chemical, alcohol-resistant foam, water spray, carbon dioxide .

Specific hazards : Thermal decomposition generates : toxic fumes .

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus. Wear proper protective equipment.

Special procedures : Fight fires from a protected location . Dike fire control water for later disposal.

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SECTION 6. Accidental release measures

- For emergency responders** : Equip cleanup crew with proper protection.
Environmental precautions : Prevent entry to sewers and public waters.
Clean up methods : Sweep or shovel spills into appropriate container for disposal.

SECTION 7. Handling and storage

- Handling** : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Storage : Store in dry, well-ventilated area. Keep away from sources of ignition . Keep away from combustible material. Keep container closed when not in use.
Special precautions : Avoid all unnecessary exposure.

SECTION 8. Exposure controls/personal protection

- Personal protection**
- **Respiratory protection** : Suitable respiratory equipment.
 - **Hand protection** : Wear suitable gloves resistant to chemical penetration.
 - **Skin protection** : Skin protection appropriate to the conditions of use should be provided.
 - **Eye protection** : Chemical goggles or face shield.
- : Provide local exhaust or general room ventilation to minimize exposure to dust. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

SECTION 9. Physical and chemical properties

- Physical state at 20 °C** : Solid
Colour : Brown granules
Odour : Odourless
pH value : 6-9.5
Flash point [°C] : Not flammable
Log P octanol / water at 20°C : 2.92 (Chlorothalonil Technical)
Auto-ignition temperature [°C] : Data not available.

SECTION 10. Stability and reactivity

- Hazardous decomposition products** : Thermal decomposition generates :
When heated to decomposition, emits dangerous fumes toxic fumes .
- Hazardous properties** : None under normal conditions.
- Conditions to avoid** : Protect from sunlight , excessive heat and open flame .

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SECTION 11. Toxicological information

- Rat oral LD50 [mg/kg] : >2000
- LD50 Rabbit dermal [mg/kg] : >2000
- Rat inhalation LC50 [mg/l/4h] : Not applicable
- Dermal irritation (rabbit) : Not irritating
- Eyes irritation (rabbit) : Slight irritant
- Sensitization : Non sensitizer

SECTION 12. Ecological information

- LC50 96 Hour - fish [mg/l] : 0.052 (Poecilia reticulata)
- 48 H-EC50 - Daphnia magna [mg/l] : 0.07 (100% Active ingredient)
- 120 H - EC50 Algae [mg/l] : 0.21 (100% Active ingredient)
- LD50 Birds [mg/kg] : > 2000
- Bees LD50 [µg] : > 100

SECTION 13. Disposal considerations

- General : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14. Transport information

- UN N° : 3077
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Chlorothalonil)
- H.I. no : 90
- IMO-IMDG - class or division : 9
- IMDG-Marine pollution : Marine pollutant - Polluant marin

SECTION 15. Regulatory information

- EU Classification : This product is provisionally labelled by the supplier in accordance to the EU regulations: :

Symbol(s)



R Phrase(s)

- : Xn : Harmful.
- : N : Dangerous for the environment.
- : R36 - Irritating to eyes.
- : R40 - Limited evidence of a carcinogenic effect.
- : R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase(s)

- : S25 - Avoid contact with eyes.
- : S36 - Wear suitable protective clothing.
- : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- : S60 - This material and its container must be disposed of as hazardous waste.
- : S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.



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MATERIAL SAFETY DATA SHEET

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SECTION 16. Other information

List of relevant R phrases (heading 3) : R26 - Very toxic by inhalation.
R37 - Irritating to respiratory system.
R40 - Limited evidence of a carcinogenic effect.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitization by skin contact.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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