

## Technical Data Sheet | Crop Protection Business



**Synonyms** Carbendazim 50% WP;

1*H*-Benzimidazol-2-ylcarbamic acid methyl ester; 2-Benzimidazolecarbamic acid methyl ester; 2-(Methoxycarbonylamino)benzimidazole; Methyl 2-benzimidazolecarbamate

## Chemical structure and identity

 $\begin{array}{lll} \mbox{Molecular formula} & \mbox{$C_9$H$}_9\mbox{$N_3$O$}_2 \\ \mbox{Molecular weight} & 191.20 \\ \mbox{CAS number} & 10605-21-7 \\ \mbox{PRD number} & \mbox{AG409230} \\ \mbox{EINECS number} & 234-232-0 \\ \end{array}$ 

**Specifications** Appearance

Carbendazim content

Wettability

Wet sieve test (75µ sieve)

Suspensibility Acidity as H<sub>2</sub>SO<sub>4</sub> Alkalinity as NaOH Off-white powder 50% minimum

120 seconds maximum

98% minimum 60% minimum 0.5% maximum 0.5% maximum

Physical properties Solubility in water Forms suspension

**Description** MINTHO is an off-white powder.

Applications MINTHO is a broad spectrum systemic fungicide of the benzimidazole group used to

control a range of diseases in various crops with its protective and curative action.

Packaging MINTHO is available in 100 g to 1 kg trilaminate pouches. Other packaging may be

considered on request.

Storage and handling Keep containers tightly closed and store at ambient temperature. Store containers away

from heat, direct sunlight and oxidising | reducing agents. Avoid contact with eyes, skin or clothing. Keep out of reach of children. Always refer to the Safety Data Sheet (SDS) for

detailed information on storage and handling.

Safety Wear protective gloves, a dust mask and goggles. Keep material away from foodstuffs,

beverages and feed. Wash hands thoroughly after handling this product. Do not inhale its

dust, smoke or mist. Always refer to the SDS for detailed information on safety.

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First aid

**Eye contact:** Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

**Skin contact:** Wash the affected area thoroughly with soap and water. Immediately remove clothing contaminated by the product. Consult a physician.

**Ingestion:** Avoid ingestion. Never give anything by mouth to an unconscious person. Induce vomiting by tickling back of the throat until vomit fluid is clear and consult a physician immediately.

**Inhalation:** Avoid inhalation. Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.

Spills and disposal

In case of a spill, collect the spilled material mechanically and keep in a container for subsequent disposal. Avoid formation of dust. Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines, as applicable.

Contact

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Note

MINTHO® is a registered trade mark for Carbendazim 50% WP which belongs to Atul Ltd.

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