

## Technical Data Sheet | Crop Protection Business



**Synonyms** Cartap hydrochloride 4% GR;

Carbamothioic acid, S,S'-[2-(dimethylamino)-1,3-propanediyl]ester hydrochloride;

1,3-Bis(carbamoylthio)-2-*N*,*N*-(dimethylamino)propane hydrochloride

Chemical structure and identity

$$\begin{array}{c|c} \mathsf{NH_2} & \mathsf{CH_3} \\ \mathsf{N} & \mathsf{CH_3} \end{array} \text{. HCI}$$

**Specifications** Appearance

Cartap hydrochloride content Material insoluble in water pH (10% solution)

4% minimum 4% maximum 3.0 to 4.5

Bluish-green granules

Physical properties Solubility in water Soluble

Melting point of technical 179°C to 181°C

**Description** CAPSI is a bluish-green granules.

Applications CAPSI is used as agricultural insecticide to control chewing and sucking insects of rice,

vegetables and many other crops.

Packaging CAPSI is available in 500 g to 5 kg trilaminate pouches. Other packaging may be

considered on request.

Storage and handling Keep containers tightly closed and store in a cool, dry and well-ventilated area. Do not

store along with oxidising and acidic materials. Control dust formation. Avoid exposure to 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:** Immediately wash the affected area thoroughly with soap and water. Remove contaminated clothing. Consult a physician.

**Ingestion:** Avoid ingestion as the product is toxic and harmful. Induce vomiting. Consult a physician immediately.

**Inhalation:** Avoid ingestion as the product is toxic and harmful. 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

CAPSI® is a registered trade mark for Cartap hydrochloride 4% GR which belongs to Atul Ltd.

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