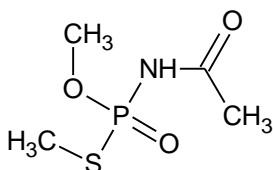


Synonyms

Acephate 75% SP;
N-[Methoxy(methylthio)phosphinoyl]acetamide;
 Acetylphosphoramidothioic acid *O,S*-dimethyl ester;
N-(Methoxy-methylsulfanylyphosphoryl)acetamide

Chemical structure and identity



Molecular formula	C ₄ H ₁₀ NO ₃ PS
Molecular weight	183.2
CAS number	30560-19-1
PRD number	AG409220
EINECS number	250-241-2

Specifications

Appearance	Off-white to white coloured powder
Acephate content	75% minimum
Wettability	60 seconds maximum
Wet sieve test (75µ sieve)	98% minimum
Acidity as H ₂ SO ₄	1% maximum

Physical properties

Solubility	Slightly turbid solution in water
pH (1% solution)	4 to 8

Description

TOPSIS is an off-white to white coloured powder free from visual extraneous matter.

Applications

TOPSIS is a broad spectrum insecticide of the organophosphorus group used to control a range of chewing and sucking insects in cotton, paddy and sunflower.

Packaging

TOPSIS 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 a self-contained breathing apparatus, if necessary. Wear protective gloves, a dust mask and safety goggles. Keep material away from foodstuffs, beverages and feed. Wash hands thoroughly after handling this product. Always refer to the SDS for detailed information on safety.

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. If swallowed induce the vomiting by tickling back of the throat. Repeat it until the vomitus is clear. Do not induce vomiting if the patient is unconscious. 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

TOPSIS® is a registered trade mark for Acephate 75% SP which belongs to Atul Ltd.