

# Technical Data Sheet | Crop Protection Business



**Synonyms** 

Indoxacarb 14.5% SC;

(S)-methyl 7-chloro-2,5-dihydro-2- [[(methoxycarbonyl) [4-(trifluoromethoxy) phenyl]amino]carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate; (4aS)-2-[carbomethoxy-[4-(trifluoromethoxy)phenyl]carbamoyl]-7-chloro-3,5-dihydroindeno[3,2-e][1,3,4]oxadiazine-4a-carboxylic acid methyl ester

Chemical structure and identity

O COOCH
$$_3$$

N-N

COOCH $_3$ 

O-CF $_3$ 

Molecular formula  $C_{22}H_{17}CIF_3N_3O_7$ 

Molecular weight 527.8

CAS number 173584-44-6 (S-isomer)

PRD number AG409090

**Specifications** Appearance

Indoxacarb (S-isomer) content Suspensibility

Suspensibility 90% minimum pH (1% solution) 4.5 to 7.0 Cold test Comply

**Physical properties** 

Density

Solubility in water Insoluble Odour Oily

Description

AMSAC is a cream coloured suspension.

**Applications** 

AMSAC is a broad spectrum contact and stomach insecticide used to control lepidopteron pests in various crops and is active at low dose rates. The product is safe for beneficial

Cream coloured suspension

14.5% minimum

1.04 g/ml

insects in cotton and cabbage.

**Packaging** 

AMSAC is available in 50 ml to 5 L aluminum bottles and 250 ml to 1 L COEX bottles.

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 headling.

detailed information on storage and handling.

July 2017 Page 1 of 2







#### 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:** If swallowed, induce 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 spillage and | or leakage, absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Prevent generation of vapour or mist. 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

E-mail: crop\_care@atul.co.in Website: www.atul.co.in

## Note

AMSAC® is a registered trade mark for Indoxacarb 14.5% SC which belongs to Atul Ltd.

Disclaimer: The information contained herein is for information purposes only. While enough care is taken in disclosing the information, users of this information are advised to cross-check the same depending upon use | application. Atul Ltd does not give any assurance or warranty or guarantee in regard to the accuracy or completeness of the information and no claim or liability will be accepted or entertained in regard thereto. Atul Ltd makes no warranty of any kind, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or performance or usage of trade.

July 2017 Page 2 of 2