

CARBOSULFAN

C₂₀H₃₂N₂O₃S

CAS NUMBER 55285-14-8



WHAT IS CARBOSULFAN?

Carbosulfan is a carbamate pesticide that is a viscous yellow or brown liquid in appearance.



USES

- As an insecticide, it is mainly used in agriculture for field crops, maize, sugarbeet, coffee, vegetables and rice.
- Acaricide for cotton and citrus
- Effective against millipedes, caterpillars, beetles, and nematodes.



EFFECTS ON HUMAN HEALTH AND THE ENVIRONMENT

- Acute toxicity in humans through ingestion or inhalation
- Skin sensitizer
- Inhibitor that affects the functions of neurotransmitters and the nervous system
- Highly toxic to aquatic life
- Highly toxic to honeybees



THE ROTTERDAM CONVENTION ON THE PRIOR INFORMED CONSENT PROCEDURE FOR CERTAIN HAZARDOUS CHEMICALS AND PESTICIDES IN INTERNATIONAL TRADE

The Rotterdam Convention is an international agreement to promote shared responsibility and cooperative efforts among Parties in the international trade of certain hazardous chemicals in order to protect human health and the environment from potential harm and contribute to the environmentally sound use of those hazardous chemicals, by facilitating information exchange about their characteristics, by providing for a national decision-making process on their import and export and by disseminating these decisions to Parties.

LISTING IN THE ROTTERDAM CONVENTION - UPDATED 2025

Carbosulfan is a candidate chemical that has been recommended by the Chemicals Review Committee (CRC) in October 2015 (CRC-11) for its inclusion in Annex III and the PIC procedure. As of the 12th Conference of the Parties (COP 12) held from April 28 to May 9, 2025, the decision was made to amend Annex III for its inclusion (RC-12/3), which will enter into force for all Parties on October 22nd, 2025.