

BENSULIDE

Overview

Bensulide is one of the few [Organophosphates](#) used as an [herbicide](#) to control grasses and weeds that threaten numerous crops. Its domestic use is relatively low even though it is classified as a General Use Pesticide . Bensulide's toxicity is not very high, but it can cause damage if it is ingested in large quantities

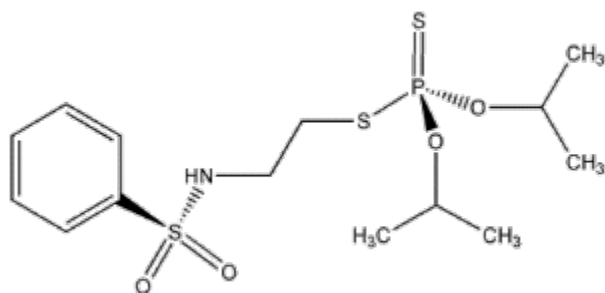
Just the facts

Physical Information
Name: Bensulide
Use: herbicide
Source: synthetic chemistry
Recommended daily intake: none
Absorption: ingestion
Sensitive individuals: workers and homeowners who employ bensulide
Toxicity/symptoms: slightly toxic
Regulatory facts: General Use Pesticide
Environmental: toxic to aquatic organisms, bees, and slightly toxic to birds

Physical Information

Recommendations: use sparingly

Chemical Structure



Structure received from PesticideInfo.org

Uses and Benefits

Bensulide continues to be used to control unwanted weeds and grasses around numerous crops. Around 550,000 pounds are used annually

Health Effects

Bensulide's acute toxicity is not high, but it can cause problems if ingested in large quantities. Symptoms of acute poisoning are vomiting, convulsions, abdominal cramps, slurring of speech, and even death

Bensulide inhibits [Cholinesterase](#) production like all other [organophosphates](#) including the [Nerve Agents](#). Therefore, nervous system ailments are the result of chronic exposure to bensulide.

Not everyone is at risk of poisoning. Workers and homeowners who apply bensulide are those that need be most careful. Bensulide exposure from foods and water sources is negligible

Environmental Effects

The environmental effects of bensulide are not completely known. However, it is apparent that Bensulide is slightly toxic to birds, and is slightly to highly toxic to aquatic organisms and bees.

Precautions

People who regularly handle bensulide or who have it applied to their residence should take extra care to avoid ingestion. Watch out for children eating dirt and wash hands often.

Those working with bensulide should wear protective gear at all times. For detailed instruction about precautionary measures.

Source : <http://www.toxipedia.org/display/toxipedia/Bensulide>