

Chemical Factsheet

Dazomet

(Major degradate methyl isothiocyanate (MITC))

General Information

- Product Names:
BASAMID GRANULAR
THION
BUSAN
AMA
VERIGUARD OD
NALCON
DURAFUME
DAZOMET PELLETS
- Chemical Class: Dithiocarbamate von-selective soil fumigant; fungicide; algaecidal, bacteriocide; algaecide; nematicide
- Uses: Use on golf greens or tees, nonbearing crops, turf sites, ornamental sites, field nurseries, compost piles, potting soils, and strawberries and tomatoes
- Beyond Pesticides rating: [Toxic](#)

Health and Environmental Effects

See citations at end of document.

- Cancer: Not documented
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Yes (1)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Yes (2)
- Toxic to Fish/Aquatic Organisms: Yes (2)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Regulatory Documents](#)

Gateway Health and Environmental Effects Citations

1. National Library of Medicine. PubChem Hazardous Substances Database. [PubChem \(nih.gov\)](#)

2. US EPA, Office of Prevention, Pesticides and Toxic Substances, Reregistration Eligibility Decisions (REDs), Interim REDS (iREDs) and RED Factsheets.

<https://archive.epa.gov/pesticides/reregistration/web/html/status.html>.

Factsheet generated on January 31, 2026