

2-Mercaptobenzothiazole

Chemical Name:	2-Mercaptobenzothiazole
Synonyms:	Benzothiazole-2-thiol
CAS Number:	149-30-4
EINECS Number:	205-736-8
Revision number:	1-2024

Chemical identification and uses

2-Mercaptobenzothiazole is a light-yellow powder with an unpleasant odor. It is primarily used in laboratory settings and various industrial applications. This chemical is a key component in the production of rubber accelerators, which are essential in the vulcanization process of rubber.

Potential exposures

Exposure to 2-Mercaptobenzothiazole can occur during its manufacture and use in industrial processes. Workers may be exposed through inhalation, skin contact, and eye contact. Proper industrial hygiene practices, including the use of personal protective equipment (PPE), should be followed to minimize exposure.

Human Health hazards

It may cause an allergic skin reaction. It may cause cancer and has been classified as Group 2A by IARC (probably carcinogenic to humans).

Environmental Health hazards

This substance is not considered to be persistent, bioaccumulating and toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB). It is very toxic to aquatic life with long lasting effects and is not readily biodegradable.

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.



Product Stewardship Summary

For more detailed safety and regulatory information, please refer to the Safety Data Sheet (SDS) or contact Honeywell at ESSPSCustomerCare@Honeywell.com. Additional information can also be found on PubChem: [2-Mercaptobenzothiazole](#)

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