

Sodium Azide

Chemical Name:	Sodium Azide
Synonyms:	Azide, Azium
CAS Number:	26628-22-8
EINECS Number:	247-852-1
Revision Number:	1-2026

Chemical identification and uses

Sodium azide is a colorless, odorless solid primarily used in laboratory settings as a reagent and preservative. It is also employed in agriculture, medicine, and the automotive industry, particularly in airbag systems.

Potential exposures

Exposure to sodium azide can occur in industrial/manufacturing facilities and during handling or use in laboratories. Workers may be exposed primarily through inhalation, skin, and eye contact. Adherence to good manufacturing and industrial hygiene practices is essential to prevent or reduce exposure.

Human Health hazards

- Acute toxicity: Fatal if swallowed or in contact with skin.
- Skin and eye irritation: Causes severe skin burns and eye damage.
- Specific target organ toxicity: May cause damage to organs through prolonged or repeated exposure, particularly the brain.
- Other information: Not classified as a carcinogen by NTP, IARC, or OSHA.
- ACGIH has established Time Weighted Average of 0.29 mg/m³. NIOSH Recommended Exposure Limit is 0.3 mg/m³.

Environmental Health hazards

- Aquatic toxicity: Highly toxic to aquatic life.

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

- Environmental precautions: Proper environmental control measures should be implemented to prevent further leakage or spillage.

For more detailed safety and regulatory information, please refer to the Safety Data Sheet (SDS) or contact Solstice at PSCustomerCare@Solstice.com. Additional information can also be found on PubChem.

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