

Material Safety Data Sheet

This material safety data sheet is applicable to products containing sodium azide as preservative.

General Information and Product Description

The antibodies supplied by Atlas Antibodies, are delivered in a mixture constituting 40% glycerol, PBS (pH 7.2) and 0.02% sodium azide.

The OSHA hazard Communications Standard (CFR 1910.1200) has issued that a mixture containing less than 1% or 0.1% of a hazardous substance or carcinogen respectively, should not be considered hazardous. Nevertheless, we provide you with the following information about sodium azide as general precaution for handling potentially harmful reagents should always be considered:

Substance	Sodium azide (NaN ₃)
Formula	NaN ₃
Molecular Weight	65.01 AMU
Synonyms	Azide, sodium * Azoture de sodium (French) * Azydek sodu (Polish) * Kazoe * Natriumazid (German) * Natriummazide (Dutch) * NCI-C06462 * Nemazyd * NSC 3072 * RCRA waste number P105 * Smite * Sodium azide (ACGIH) * Sodium, azoture de (French) * Sodium, azoturo di (Italian) * U-3886
Stability	Stable unless heated. Heating may cause toxic fumes and explosion. Azide reacts with heavy metals which may result in the formation of explosive substances. Contact with acids liberates harmful gas.
Disposal	Contact your local waste disposal authority for advice, or pass to chemical disposal company.
Handling	Avoid inhalation, eye and skin contact. Avoid prolonged or repeated exposure. Use chemical resistant gloves and appropriate eye protection.

First Aid Measures

Eye Contact	Irrigate thoroughly with water for at least 15 minutes. Seek medical assistance.
Inhalation	Remove person from exposure. In severe cases, seek medical assistance.
Ingestion	Wash out mouth thoroughly with water and give plenty of water to drink. Seek medical assistance. May cause death at consumption.
Skin Contact	Wash skin thoroughly with water for at least 15 minutes. Seek medical assistance.

The information in this material safety data sheet (MSDS) is considered to be accurate; yet, this document is merely a guide on how to handle products containing a potentially harmful substance. Atlas Antibodies AB will not be held responsible for any damage caused by handling the product above or resulting from the information provided in this MSDS.