

# Material Safety Data Sheet

## For Reagents Containing Sodium Azide

### 1. Identification of chemical product & company

**Manufacturer** dianova GmbH  
 Warburgstrasse 45  
 20354 Hamburg  
 Germany

**Applicable products** Antibodies Catalog No.: DIA-35, DIA-45, DIA-60, DIA-61, DIA-100, DIA-100-M, DIA-120, DIA-300-P05, DIA-303, DIA-303-M, DIA-310, DIA-310-M, DIA-326-P05, DIA-333-P05, DIA-333-M, DIA-404, DIA-404-M, DIA-530-P05, DIA-530-P1, DIA-530-M, DIA-670-P05, DIA-670-P1, DIA-670-M, DIA-700-P05, DIA-700-M, DIA-808, DIA-808-M, DIA-900, DIA-900-100, DIA-900-FITC, DIA-900-BIOT, DIA-900-200, DIA-910, DIA-910-1MG, DIA-910-100 DIA-920, DIA-935, DIA-450, DIA-AX1, DIA-AX1-M, DIA-CAL-100, DIA-CAL-250, DIA-H09, DIA-H09-L, DIA-PD1-P01, DIA-TG1, DIA-TG1-M, DIA-W09

### 2. Concentration of Hazardous Components

The only hazards identified with this product are those associated with sodium azide, which are present at very low conc.

Component	CAS No.	Composition	Hazard Classification
Sodium Azide:	26628-22-8	< 0,1% pure form, only:	T; R28-32-50/53

**Threshold limit value (pure form):** 300ug/m<sup>3</sup>

0.5 mg sodium azide/ml (0.05%) of solution or reconstituted product. According to the OSHA Hazard Communications Standard (CFR 1910.1200), if a mixture contains less than 1% of a hazardous chemical or 0.1% of a carcinogen, the mixture shall not be considered hazardous. However, precautions for handling potentially dangerous reagents should be practiced when using these products.

### 3. First Aid Measures

Eye Contact: May cause irritation or permanent damage. Irrigate with water. Contact physician immediately.  
 Skin Contact: May cause irritation. Wash affected areas with water or soap and water.  
 Inhalation: Remove to fresh air. Contact physician immediately for first aid instructions if necessary.  
 Ingestion: If swallowed, wash out mouth with water. Contact physician immediately for potential sodium azide poisoning.

### 4. Fire Hazard

Sodium Azide emits toxic fumes under fire conditions

### 5. Explosion Hazard

Azide reacts with many heavy metals, including copper and lead, to form explosive compounds. Use large volumes of water to flush this product through any plumbing containing these heavy metals.

### 6. Biological Hazard

The source material does not contain any biological hazardous substances, however all products should be handled by procedures as recommended for handling potentially dangerous reagents

### 7. Personal Protection

Eye Protection: Chemical safety glasses or goggles  
 Hand Protection: Latex gloves  
 Respiratory Protection: None required if used in a laboratory with an adequate air-exchange HVAC.  
 General Hygiene: Wash thoroughly after handling

### 8. Physical & Chemical Properties

Appearance: colorless / Physical state: lyophilized powder (DIA-H09-L: liquid) / Odor: none / Solubility: water-soluble / Other properties: N/A

### 9. Method of Disposal

Sodium azide is a hazardous chemical. Disposal of even small amounts of these chemicals may be subject to federal, state, or local laws.

### 10. Other Information

The information contained in this sheet is believed to be accurate but it is the responsibility of the user to determine the applicability of this data to the formulation of necessary safety precautions. dianova GmbH shall not be held responsible for any damages resulting from the use of the above product or the information contained in this MSDS Sheet.