

Safety Data Sheet (SDS)

Sodium Azide ($\leq 0.1\%$)

I. Product And Company Identification:

Product name:

Product number:

Manufacturer Supplier: GeneTex Inc

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II. Hazard Identification:

Classification of the Substance or Mixture

Not a hazardous substance or mixture according to Regulation
(EC) No. 1272/2008

Label Elements

Not a hazardous substance or mixture according to Regulation
(EC) No. 1272/2008

Other hazards

None

III. Composition/Information on Ingredients:

Chemical Name: Sodium azide

Chemical Concentration: $\leq 0.1\%$ (w/v)

CAS Number: 26628-22-8

EC Number: 247-852-1

IV. First Aid Measures:

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Skin Exposure: Wash off with soap and plenty of water.

Eye Exposure: Flush eyes with water as a precaution.

V. Fire Fighting Measures:

Fire Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Substance or Mixture: No data available.

Firefighting: Wear self-contained breathing apparatus for firefighting if necessary.

VI. Accidental Release Measures:

Personal precautions, protective equipment and emergency procedures: For personal protection see section 8.

Environmental precautions: No special environmental precautions required.

Methods and materials for containment and cleaning up: Clean up promptly by sweeping or vacuum.

Reference to other sections: For disposal see section 13.

VII. Handling And Storage:

Precautions for Safe Handling: For precautions see section 2.2.

Conditions for Safe Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature 4 °C

VIII. Exposure Controls/Personal:

Workplace Controls: Maintain adequate ventilation, eye wash and quick-drench facilities in work area.

Appropriate engineering controls

General industrial hygiene practice.

Personal Protective Equipment:

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of

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EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: No special environmental precautions required.

IX. Physical And Chemical Properties:

Appearance: Colorless liquid.

Odor: Odorless.

Upper/lower flammability or explosive limits: Not available.

Vapor pressure/density: Not available.

Relative Density: Not available.

pH: Not available.

Solubility in/Miscibility with Water: Not available.

Melting point/freezing point: Not available.

Partition coefficient: noctanol/water: Not available

Boiling point/Boiling range: Not available.

Auto igniting: Product is not self-igniting.

Flash point: Not available.

Decomposition temperature: Not available.

Evaporation rate: Undetermined.

Viscosity: Not available.

Flammability: Not available

X. Stability and Reactivity:

Reactivity: No data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No data available

Conditions to avoid: No data available

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

In the event of fire: see section 5

XI. Toxicological Information:

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

Additional Information: RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

XII. Ecological Information:

Toxicity: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects: No data available.

XIII. Disposal Considerations:

Waste treatment methods: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

XIV. Transport Information:

UN Number: None

DOT regulations: Hazard class: None

Land transport ADR/RID (cross-border): Not regulated.

Maritime transport IMDG: Not regulated.

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR: Not regulated.

Transport/Additional information: Not dangerous according to the above specifications.

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XV. Regulatory Information:

Safety, health and environmental regulations/legislation specific for the substance or mixture: This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment: For this product a chemical safety assessment was not carried out.

XVI. Other Information:

The information contained in this Material Safety Datasheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of these data to the formulation of necessary safety precautions.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide for experienced personnel. GeneTex International Corp. shall not be held liable for any damage resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.