

SAFETY DATA SHEET

Section 1: Identification

Product identifier

Product Name: GenNature Universal blockers

Product Code: NGS38407i

Recommended use of the chemical and restrictions on use

Application: For research and development purposes only.

Uses advised against: No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Manufacturer: GenScript Corporation (Nanjing)

28 Yongxi Road

Jiangning District, Nanjing 211100, China

www.genscript.com

oligo@genscript.com

Telephone (General): 1-732-885-9188

Emergency telephone 1-877-436-7274

number:

Section 2: Hazards identification

GHS-Classification

Signal Word: Not Applicable.

Health hazards: Not Applicable.

Physical hazards: Not Classified.

Hazard Statements: Not Applicable.

Precautionary Statements: Not Applicable.

Principle Routes of Exposure Potential Health Effects

Eyes May cause eye irritation with susceptible persons.

Skin May cause skin irritation in susceptible persons.

Inhalation May be harmful by inhalation.

Ingestion May be harmful if swallowed.

Specific effects

Carcinogenic effects: None.

Mutagenic effects: None.

Reproductive toxicity: None.

Sensitization: None.

Target Organ Effects: No known effects under normal use conditions.

HMIS

Health: 0

Flammability: 0

Reactivity: 0

Section 3: Composition/Information on Ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

Section 4: First-Aid Measures

- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.
- Notes to Physician:** No special treatment required.

Section 5: Fire-Fighting Measures

Suitable extinguishing media: Foam, CO₂, Water, Dry chemical powder.

Special protective equipment Wear self-contained breathing apparatus and protective suit.
for firefighters:

Section 6: Accidental Release Measures

- Personal precautions:** Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
- Environmental precautions:** No special environmental precautions required. See Section 12 for more information.
- Methods for cleaning up:** Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

- Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
- Storage:** Keep container tightly closed. Store in a cool dry place, prolonged storage at -20°C.

Section 8: Exposure Controls/Personal Protection

- Exposure Limits:** We are not aware of any national exposure limit.
- Engineering measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate

dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective equipment:

Skin and body: Lab coat.

Eyes: Safety glasses.

Protective Clothing (Pictograms)

Respiratory protection:

Not available.

Eye/face protection:

Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection:

Wear protective gloves.

Other skin and body protection:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures:

Wash thoroughly after handling.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Form Appearance:

Liquid.

Color:

Colorless.

Odor:

No Data Available.

Odor threshold:

Not available.

pH:

Not available.

Melting point:

Not available.

Initial boiling point and range:	Not available.
Flash point:	No specific test data are available.
Solubility(ies):	Not available.
Partition coefficient:	Not available.
Auto-ignition temperature:	Not available.
Oxidizing properties:	Not available.
Other information:	None.

Section 10: Stability and Reactivity

Reactivity:	None known.
Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No potentially hazardous reactions known.
Products polymerization:	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid:	Not Available.
Hazardous decomposition products:	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

Section 11: Toxicological Information

Acute Toxicity: No toxicology information is available.

Principle Routes of Exposure Potential Health Effects

Eyes: May cause eye irritation with susceptible persons.

Skin: May cause skin irritation in susceptible persons.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract, May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

Carcinogenic effects: None.

Mutagenic effects: None.

Reproductive toxicity: None.

Sensitization: None.

Section 12 - Ecological Information

Ecotoxicity: No information available.

Bioaccumulative: No information available.

Biodegradation: No information available.

Mobility No information available.

Section 13: Disposal Considerations

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14: Transport Information

IATA

Proper shipping name (TDG): Not available.

Hazard class: None.

Subsidiary class: None.

Packing group: None.

UN-No.: None.

Section 15: Regulatory Information

US Federal Regulations

SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found. SARA 313 toxic chemical notification and release reporting: No products were found.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

Section 16: Other Information

For Research Use Only. Not for use in diagnostic procedures.

Revision comments: Contact legal for statement

Date Created: 08/22/2019

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Revision: 1

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

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