

MATERIAL SAFETY DATA SHEET

OLIGONUCLEOTIDES

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Oligonucleotide
Chemical Name: Sequence Specific
Chemical Family: Nucleic Acid
CAS Number: N/A
Supplier: LGC Biosearch Technologies
Voldbjergvej 16
DK-8240 Risskov
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SECTION II. COMPOSITION AND INFORMATION ON INGREDIENTS

Major Constituent: Deoxyribonucleic acid (DNA)
Toxicology Data: Not Available
TLV/PEL: Not Available

SECTION III. HAZARDS IDENTIFICATION

Acute Health Effects: May cause skin, eye or respiratory irritation upon contact. **Chronic Health Effects:** Allergic reactions may develop in certain sensitive individuals.
Chemical Listed as Carcinogen or Potential Carcinogen: No, as identified by U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).
Carcinogenic Effects: N/A
Mutagenic Effects: N/A
Teratogenic Effects: N/A
Developmental Toxicity:
N/A Hazards: N/A

Our hazard evaluation is based on information from similar products and technical literature.

SECTION IV. FIRST AID MEASURES

Eye Contact: Check for contact lenses and remove if present. Flush thoroughly with water while opening eyelids. If symptoms such as redness and irritation persist, obtain medical attention.

Skin Contact: Remove contaminated clothing. Wash material from skin with soap and water and rinse thoroughly with clean water. Obtain medical attention as needed or if irritation develops. Clean contaminated clothing before reuse.

Inhalation: Move to fresh air and then obtain necessary medical attention as needed.

Ingestion: May be harmful if swallowed. Obtain medical attention as needed.

SECTION V. FIRE AND EXPLOSION HAZARD DATA

Flammability: N/A

Flash Point: Not Combustible

Suitable Extinguishing Agents: Product is not flammable. Use fire-fighting measures that suit the surrounding fire.

SECTION VI. ACCIDENTAL RELEASE MEASURES

Spill Cleanup: Prior to cleaning up a spill, personnel should wear protective gloves and clothing. Wipe up with a damp towel and place material in suitable container for disposal.

Waste Disposal Method: Dispose of residue in accordance with federal, state, and local regulations.

SECTION VII. HANDLING AND STORAGE

Storage Conditions: Store at -20 °C

SECTION VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Protective Gloves: Wear gloves to prevent skin contact.

Eye Protection: Either safety glasses or goggles should be worn.

Other Protective Clothing or Equipment: Sensitive individuals should wear dust masks/respirators, protective gloves, eye protection, lab coat, apron or other protective clothing to minimize contact.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

Solubility: Soluble in water

Molecular weight: Sequence dependent

Physical Appearance and Odor:

Powders- White to tan, odorless

Liquids- Clear, odorless

SECTION X. STABILITY AND REACTIVITY DATA

Reactivity: This material is stable when stored as directed (see section VII).

SECTION XI. TOXICOLOGY INFORMATION

The toxicological properties of this material have not been fully investigated. Always follow Good Laboratory and Industrial Hygiene Practices and wear proper personal protective equipment when handling chemicals.

RTECS Number: N/A

TLV/PEL: N/A

Routes of Exposure: Eye/skin contact, Ingestion, Inhalation

Toxicity Data: N/A

SECTION XII. ECOLOGICAL INFORMATION

Ecotoxicity: N/A

Environmental Fate: N/A

The information provided herein is based on sources believed to be reliable as of 7/6/2006 and pertains only to the material designated. DNA Technology A/S makes no warranty or representation to its completeness, accuracy, or currency. This material is intended for use by persons with pertinent technical skills and at their discretion and risk. It is the responsibility of the user to determine the product's suitability for its intended use, the product's safe use, and the product's proper disposal. Disposal of hazardous material may be subject to federal, state or local laws or regulations.

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