

MATERIAL SAFETY DATA SHEET

FLUORESCENTLY LABELED 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
Denmark
Phone: +45 87 32 30 00
eu@biosearchtech.com
eu.biosearchtech.com

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: N/A
Chronic Health Effects:
This product does not contain any hazardous components above 1% or any carcinogens above 1% as defined in 29CFR 1910.1200 (the OSHA Hazard Communication Standard).
Carcinogenic Effects: N/A
Mutagenic Effects: N/A
Teratogenic Effects: N/A
Developmental Toxicity:
N/A Hazards: N/A

SECTION IV. FIRST AID MEASURES

Eye Contact: Flush with water for 15 minutes. Call a physician if irritation persists.
Skin Contact: In case of contact, immediately flush skin with plenty of water.
Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. If victim is conscious, give large amounts of water to dilute. Never induce vomiting or give liquids to someone who is unconscious.

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 chemical resistant gloves and protective 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

Personal Protection: Goggles with side shields, lab coat, chemical resistant gloves.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

Solubility: Soluble in water

Molecular weight: Sequence dependent

Physical Appearance and Odor:

Powders- Color varies according to fluorescent label, odorless

Liquids- Color varies according to fluorescent label, odorless

SECTION X. STABILITY AND REACTIVITY DATA

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

SECTION XI. TOXICOLOGY INFORMATION

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 8/11/2006 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.

LGC Biosearch Technologies
Voldbjergvej 16
DK-8240 Risskov
Denmark
Phone: +45 87 32 30 00
eu.biosearchtech.com