

Material Safety Data Sheet

siRNA Dilution Buffer

Section 1 General information

Product name: siRNA Dilution Buffer
Description: a TRIS-EDTA buffer suitable for storage and dilution of siRNA.
Distributor: Eurofins MWG Operon
2211 Seminole Dr,
Huntsville, AL 35805
256-704-8200

Section 2 Composition/information on ingredients

CAS #: N/A
Solubility: Soluble in water
Storage: Store between 4°C.

Section 3 Hazards identification

Always follow proper laboratory precautions and procedures when handling siRNA Dilution Buffer including personal protective gear such as laboratory coats, eye protection, and gloves to limit exposure of you eyes, skin, and mucus membranes. Wash hands thoroughly after handling.

Skin contact: may cause irritation
Eye contact: may cause irritation
Ingestion: may cause irritation

Section 4 First aid measures

AFTER SKIN CONTACT: immediately wash skin with copious amounts of water, followed by washing the skin with soap and water.
AFTER EYE CONTACT: immediately flush eyes with copious amounts of normal saline or water. Assure adequate flushing by separating the eyelids with fingers.
AFTER INGESTION: immediately wash mouth with copious amounts of water. Drink an additional 16 oz of water to dilute any effects on the gastrointestinal tract.

Section 5 Fire-fighting measures

Flash point: N/A
Autoignition temp: N/A
Flammability: N/A

Section 6 Accidental release measures

No special measures are known for this material. In the event of an occupational spill, mop up the liquid with an appropriate laboratory wipe. Dispose as listed in Section 13.

Section 7 Handling and storage

Handling: Avoid contact with eyes, skin, or clothing.
Storage: Store tightly capped at 4°C.

Section 8 Exposure controls/ personal protection

Use of personal protective equipment is recommended.
Engineering controls: Safety shower and eye bath.
Protection of hands: chemical-resistant gloves
Eye protection: chemical safety goggles
General hygiene measures: Wash hands thoroughly after handling.

Section 9 Physical and chemical properties

Phys. state: liquid
Color: colorless
pH: 8.0

Section 10 Chemical stability and reactivity

Stability: Stable. Avoid strong oxidizing agents.
Hazardous decomposition products: Carbon monoxide, carbon dioxide.
Hazardous polymerization: N/A

Section 11 Toxicological information

Route of exposure
Skin contact: may cause irritation
Skin absorption: may be harmful
Eye contact: may cause irritation
Ingestion: may cause irritation

Signs and symptoms of exposure: Irritation is known but others may be possible but are unknown.

Section 12 Ecological information

Data unavailable

Section 13 Disposal considerations

Observe all federal, state and local environmental regulations.

Section 14 Transport information

Non hazardous for transport: no special handling is required for air, sea, or road transport.

Section 15 Regulatory information

USA regulatory information
SARA listed: No

Canada regulatory information

DSL: No
NDSL: No

Section 16 Other information

The information contained in this MSDS is believed to be correct but does not claim to be all inclusive and should only be used as a guide. Eurofins MWG Operon shall not be liable for any damage resulting from handling or contact with the above product.