



## Material Safety Data Sheet (MSDS)

### DNA/RNA Primer

#### Section 1 - Chemical Product and Company Identification

MSDS NAME: DNA/RNA Primer

Synonyms: Oligonucleotide

Company Identification: TAG Copenhagen A/S  
Kong Georgs Vej 12  
2000 Frederiksberg  
Denmark  
www.tagc.com

For information call: +45 321 322 00

Emergency number: +45 4092 1202

#### Section 2 - Composition, Information and ingredients

CAS#

Chemical Name: Oligonucleotide

% -

Formula: -

Molecular weight: -

EINECS# -

Hazard Symbols: None

Risk Phrases: None

#### Section 3 - Hazards Identification

Emergency Overview

This substance is not classified as dangerous according to Directive 67/548/EEC

#### Potential Health Effects:

Eye: Causes eye irritation

Skin: Causes skin irritation. May be harmful if absorbed through the skin.

Ingestion: Harmful if swallowed. May cause irritation of the digestive tract.

Inhalation: Causes respiratory tract irritation. May be harmful if inhaled.

Chronic: -

#### **Section 4 - First Aid Measures**

Eyes: Flush eyes with plenty of water as a precaution.  
Skin: Flush skin with soap and plenty of water.  
Ingestion: Wash mouth with water.  
Inhalation: Remove from exposure and move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to physician: Treat symptomatically and supportively

#### **Section 5 - Fire Fighting Measures**

General information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide or chemical foam.

#### **Section 6 - Accidental Release Measures**

General information: Use proper personal protective equipment as indicated in section 8.  
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

#### **Section 7 - Handling and Storage**

Handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes and skin.  
Storage: Store in a tightly closed container. Store in a dry area. Recommended storage: Deep freeze (below -20°C)

#### **Section 8 - Exposure Controls, Personal Protection**

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits: -

#### **Personal Protective Equipment:**

Eyes: Wear safety glasses  
Skin: Wear appropriate protective gloves to prevent skin exposure.  
Clothing: Wear appropriate protective clothing to prevent skin exposure.  
Respirators: Respiratory protection is not required. Where protection from nuisance levels of dust are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under the appropriate government standards such as NIOSH (US) or CEN (EU).

## Section 9 - Physical and Chemical Properties

Physical State:	Powder, lyophilized
Color:	White to off-white
Odor:	Not available
pH:	Not available
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	Not available
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Soluble
Specific Gravity/Density:	Not available
Molecular Formula:	-
Molecular weight:	-

## Section 10 - Stability and Reactivity

Chemical Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Incompatible materials.
Incompatibilities with other materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide.
Hazardous Polymerization:	Will not occur.

## Section 11 - Toxicological Information

RTECS#:	No data available
LD50/LC50:	No data available
Carcinogenicity:	No data available
Other:	The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

## Section 12 - Ecological Information

Not available

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state and local regulations.

## Section 14 - Transport Information

IATA	IMO	RID/ADR
Shipping Name:	Not dangerous goods	
UN Number:		
Packing Group:		

## **Section 15 - Regulatory Information**

### **European / International Regulations**

European Labeling in Accordance with EC Directives: Substance not yet tested completely

Canada

US Federal

TSCA

## **Section 16 - Other information**

MSDS Creation Date: September 1<sup>st</sup> 2008

Revision No. 5 Date Jan 30<sup>th</sup> 2021.

The information above is believed to be accurate and represents the best information currently available to us.