
1. PRODUCT/PREPARATION/COMPANY

Trade name: **Random OligoNucleotides:** Company: Biotools, B & M Labs, S.A.
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SPAIN
Product Number: 20.401, 20.402, 20.201, 20.301 Tel: + 34 91 710 00 74
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2. HAZARDS IDENTIFICATION

Not hazardous according to Directive 67/548/EC

3. COMPOSITION OF THE PRODUCT/INFORMATION ON INGREDIENTS

Chemical characterization: Solution in water or freeze- dry . Volume of each product package varies: customer requirement.

Active ingredients:

CAS-No	EC no	Name	Contents	Danger ¹	Risks
7732-18-5	231-791-2	Water	0,1%-99%	None	None
NA	NA	Oligonucleotides	1%-99%	None	None

4. FIRST AID MEASURES**Skin contact**

Wash skin with water and soap and rinse thoroughly. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.

Eye contact

Rinse opened eyes for at least 15 min with copious amounts of water. Check for and remove any contact lenses. Call a physician.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Rinse mouth with plenty of water. Call a physician. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

5. FIRE FIGHTING MEASURES**Suitable extinguishing media**

Non- flammable. Use an extinguishing agent suitable for the surrounding fire.

Fire and explosion hazards

No specific hazards.

Protective equipment

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

¹ Dangers and risks on active ingredients are applicable to pure ingredients. Amounts present in the specified product are under threshold levels as per Directive 67/548/EC and other European Legislation in force.

6. ACCIDENTAL RELEASE MEASURES

Measures for cleaning/collecting

Non-hazardous material. Clean up of spills requires no special equipment or procedures.

7. HANDLING AND STORAGE

Handling

Always keep the containers tightly closed. Observe good laboratory technique when handling. Normal measures for preventive fire protection.

Storage

Store in the original container. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limits

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Eye protection

Wear goggles

Hand protection

Wear synthetic or rubber gloves

Skin protection

Wear labcoat

Hygiene measures

Keep away from foodstuffs and beverage
Avoid contact with eyes and skin
Do not eat, drink or smoke while working with products

Breathing equipment

Not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Colour: Colorless

Odour: Odorless

Boiling point: 100°C (212 °F)

Flash point: no data available

Explosive properties: none

Vapor pressure: 17.5 mm Hg (20°C)

pH: 7.0

10. STABILITY AND REACTIVITY

Stability

Stable under normal handling and storage conditions

Hazardous decomposition products

Not applicable

Conditions to avoid

No information found.

11. TOXICOLOGICAL INFORMATION

Not applicable

12. ECOLOGICAL INFORMATION

Not applicable

13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations.

Controlled disposal in waste system. Product disposal (leftovers or residues resulting from normal use) does not pose any serious hazards in the adequate proportion.

The product and packaging should be disposed of in accordance with the instructions of the local authorities.

14. TRANSPORT INFORMATION

RID/ADR

Non-hazardous for road transport

IMDG

Non-hazardous for sea transport

IATA

Non-hazardous for air transport

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge, and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Biotools, B & M Labs, S.A. shall not be held liable for any damage resulting from handling or from contact with the above product.

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