

Safety Data Sheet

according to Regulation (EC) No. 1907/2006



Product number : M6340

Product name :

Nuclease free water

1. Identification of the substance/preparation and of the company

Product identifier

Product Name: Nuclease free water

Catalogue-No.: M6340

CAS-No.: 7732-18-5

EC-No.: 231-971-2

Reach number: A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration, the registration is envisaged for a later registration deadline or it is a mixture.

Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available

Application of the substance / the mixture:

Chemical analytics

Solvents

Laboratory chemical

Details of the supplier of the safety data sheet

Manufacturer /Supplier:

Genaxxon bioscience GmbH, Söflinger Str. 70, 89077 Ulm/Germany.

phone: +49 (0)731 3608 123, info@genaxxon.com

Further information available from:

General Management

Emergency telephone number:

phone: +49 (0)731 3608 123, info@genaxxon.com (inside normal business hours)

NOTE: If this product is a kit or supplied with more than one material, please refer to the MSDS for each component for hazard information.

Product Use:

This products are for laboratory research use only and are not intended for human or animal diagnostics, therapeutics or other clinical uses.

2. Hazardous identification

Classification of the substance or mixture

Classification according to Regulation (EC) No1272/2008

The substance is not classified according to the CLP regulation.

Label elements

Labelling according to Regulation (EC) No. 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statement(s): Void

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3. Composition/Information on ingredients

Chemical characterization: Substances

Description: Mixture of substances listed below with non-hazardous additions

CAS-No.	description	
CAS:7732-18-5	water	
Identification number(s)		
EC number: 231-791-2		

4. First Aid Measures

Description of first aid measures

General information: No special measures required.

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. Fire-fighting Measures

Contd. on page 2

responsible : GM	Replaces version :	Print date : 2019-03-18— last change : 2019-03-18
	1 of 5	G:\products\MSDS\water\msds_m6340_water_en.docx

Safety Data Sheet

according to Regulation (EC) No. 1907/2006



Product number : M6340

Product name :

Nuclease free water

Contd. of page 1

Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for fire-fighters: None

Protective equipment: No special measures necessary.

6. Accidental release Measures

Personal precautions, protective equipment and emergency procedure: Not required.

Environmental precautions: No special measures required.

Methods and materials for containment and cleaning up: No special measures required.

Reference to other sections:

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

Handling:

Precautions for safe handling: No special measures required.

Information about fire – and explosion protection: The product is not flammable.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly closed.

Recommended storage temperature: 15°C to 25°C.

Storage class: 12

Specific end use(s): No further relevant information available.

8. Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

Additional information: The list valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Respiratory protection:



Not required

Protection of hands:



Not required

Material of gloves: Not required

Eye/face protection:



Not required

Body protection: Protective clothing should be selected specifically for the working place.

9. Physical and chemical properties

Identification on basic physical and chemical properties

General Information

Appearance

Contd. on page 3

responsible : GM	Replaces version :	Print date : 2019-03-18— last change : 2019-03-18
	2 of 5	G:\products\MSDS\water\msds_m6340_water_en.docx

Safety Data Sheet

according to Regulation (EC) No. 1907/2006



GENAXXON
b i o s c i e n c e

Product number : M6340

Product name :

Nuclease free water

Contd. of page 2

Form: Liquid
Colour: Colourless
Odour: Odourless

Change in conditions

Melting Point: 0°C
Boiling Point: 100°C
Sublimation: no data available

Flash Point: Not applicable
Flammability (solid, gaseous): Product is not flammable

Danger of explosion: Product does not present an explosion hazard.

Density at 20°C: 1.000 g/cm³

Vapour pressure at 20°C: 23 hPa

Solubility in / Miscibility with water at 20°C
Organic solvents: fully miscible
0.0%

Solvent content:
Organic solvents: 0.0%
VOC (EC): 0.00%
Other information: No further relevant data available

10. Stability and Reactivity

Reactivity

Chemical stability:

Thermal decomposition / conditions to be avoided: None
Possibility of hazardous reactions: No dangerous reactions known.
Conditions to avoid: No further relevant information available.
Incompatible materials: The generally known reaction partner of water.
Hazardous decomposition products: None

11. Toxicological information

Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification: None

Primary irritant effect:

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

After inhalation: No irritant effect.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

CMR effect (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Additional information:

The substance is not subject to classification according to the latest version of the EU lists.

12. Ecological Information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Generally not hazardous for water.

Results of PBT and vPvB assessment

PBT: Not applicable

Contd. on page 4

responsible : GM	Replaces version :	Print date : 2019-03-18— last change : 2019-03-18
	3 of 5	G:\products\MSDS\water\msds_m6340_water_en.docx

Safety Data Sheet

according to Regulation (EC) No. 1907/2006



Product number : M6340

Product name :

Nuclease free water

Contd. of page 3

vPvB: Not applicable

Other adverse effects: No further relevant information available.

13. Disposal considerations

Waste treatment methods:

Recommendation: Chemicals must be disposed in compliance with the respective national regulations.

Uncleaned/contaminated packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport information

UN-Number

ADR/RID, ADN, IMDG, IATA: Void

UN proper shipping name

ADR/RID, ADN, IMDG, IATA: Void

Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA: Void

Class

Packaging group

ADR/RID, IMDG, IATA: Void

Environmental hazards:

Marine pollutant: No

Special precautions for user:

Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

Transport/Additional information:

Not dangerous according to the above specifications.

UN "Model Regulation":

Void

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Directive 2012/18/EU

Named dangerous substances – ANNEX I: Substance is not listed.

Chemical safety assessment: A chemical Safety Assessment has not been carried out.

16. Other information

Further 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 regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Genaxxon bioscience GmbH, shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Disclaimer

This product is for R&D use only. Not for drug, household or other uses.

Abbreviations and Acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and labeling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

STOT: Specific Target Organ Toxicity

LC50: Lethal concentration, 50 percent

Contd. on page 5

responsible : GM	Replaces version :	Print date : 2019-03-18— last change : 2019-03-18
	4 of 5	G:\products\MSDS\water\msds_m6340_water_en.docx

Safety Data Sheet

according to Regulation (EC) No. 1907/2006



GENAXXON

b i o s c i e n c e

Product number : M6340

Product name :

Nuclease free water

Contd. of page 4

LD50: Lethal dose, 50 percent

VOC: Volatile Organic Compounds (USA, EU)

CAS: Chemical Abstracts Service (division of the American Chemical Society).

EINECS: European Inventory of Existing Commercial Chemical Substances.

responsible : GM

Replaces version :

Print date : 2019-03-18— last change : 2019-03-18

5 of 5

G:\products\MSDS\water\msds_m6340_water_en.docx