

Safety Data Sheet

Material Name: Maxpar® Water

SDS ID: MSDS-201069 (EU)
Rev. 3.0
In Compliance with Regulation (EC)
1907/2006 (REACH) as Amended

Section 1 - IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier:

Product Identifier: Maxpar® Water

Manufacturer Part Number

201069: Bottle, Maxpar® Water, 500 mL

(includes Panel Kits within the following range of Catalog numbers: 201302-2013XX)

Substance Registration Number(s)

This material is imported in amounts < 1 tonne/annum. This product and its components are not subject to REACH.

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Identified Uses

For Research Use Only.

Uses Advised Against

Not for use in diagnostic procedures.

1.3 Details of the Supplier of the Safety Data Sheet

Fluidigm Corporation

2 Tower Place, Suite 2000

South San Francisco, CA 94080

Phone: 650-266-6000

techsupport@fluidigm.com

1.4 Emergency Telephone Number

+1-650-266-6100 (24 Hours)

Section 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008

No classification is assigned based on classification criteria.

Review the entire data sheet for any additional information which did not result in a classification.

Classification according to Directives 67/548/EEC and/or 1999/45/EC

No classification is assigned based on classification criteria. Review the entire data sheet for any additional information which did not result in a classification.

2.2 Label Elements

Labeling according to Regulation (EC) 1272/2008:

Symbol(s)

None needed according to classification criteria.

Signal Word

None needed according to classification criteria.

Hazard Statement(s)

None needed according to classification criteria.

Precautionary Statement(s)

Prevention

None needed according to classification criteria.

Safety Data Sheet

Material Name: Maxpar® Water

SDS ID: MSDS-201069 (EU)

Rev. 3.0

In Compliance with Regulation (EC)
1907/2006 (REACH) as Amended

Response

None needed according to classification criteria.

Storage

None needed according to classification criteria.

Disposal

None needed according to classification criteria.

Labelling according to Directive 67/548/EEC and/or 1999/45/EC

None needed according to classification criteria.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS EC No Registration No	Component Synonyms	67/548 EEC (DSD)	1272/2008 (CLP)	Percent
7732-18-5 231-791-2 --	Maxpar® Water	--	--	100

Section 4 - FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get medical attention.

Skin

It is unlikely that first aid will be required.

Eyes

It is unlikely that first aid will be required.

Ingestion

It is unlikely that first aid will be required.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

Acute

No information on significant adverse effects.

Delayed

No information on significant adverse effects.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians

It is unlikely that emergency treatment will be required.

Section 5 - FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

Use extinguishing agents appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known.

5.2 Special Hazards Arising from the Substance or Mixture

This material will not burn.

5.3 Advice for Firefighters

Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks.

Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment.

6.2 Environmental Precautions

Not considered to be an environmental hazard.

6.3 Methods and Material for Containment and Cleaning up

Stop the flow of material. Collect with appropriate absorbent and place into suitable container.

6.4 Reference to Other Sections

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations. See Section 13 for Disposal Considerations.

Section 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Use in accordance with good industrial hygiene practices.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Store and handle in accordance with all current regulations and standards. Store at 2-8 °C. Keep container closed when not in use. Keep separated from incompatible substances.

Incompatibilities: acids, bases

7.3 Specific End Use(s)

None

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Component Exposure Limits

EU, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Netherlands, Portugal, Spain, Sweden and United Kingdom have not developed exposure limits for any of this product's components.

Biological Exposure Limits

There are no biological limit values for any of this product's components.

Derived No Effect Levels (DNELs)

No DNELs available.

Predicted No Effect Concentrations (PNECs)

No PNECs available.

8.2 Exposure Controls

Engineering Controls

General or local exhaust ventilation and other forms of engineering controls are the preferred means for controlling exposures.

Eye / Face Protection

Eye protection not required under normal conditions.

Material Name: Maxpar® Water

SDS ID: MSDS-201069 (EU)

Rev. 3.0

In Compliance with Regulation (EC)
1907/2006 (REACH) as Amended**Skin Protection**

No special clothing required.

Glove Recommendations

Gloves are not required under normal conditions of use.

Respiratory Protection

Respiratory protection is not required under normal conditions of use.

Environmental Exposure Controls

Not considered to be an environmental hazard.

*****Section 9 - PHYSICAL AND CHEMICAL PROPERTIES*******9.1 Information on Basic Physical and Chemical Properties**

Physical State:	Liquid	Appearance:	clear liquid
Physical Form:	liquid	Odour:	Not Available
Odour Threshold:	Not available	pH:	Not available
Melting Point:	32 °F	Boiling Point:	212 °F
Decomposition Temperature:	Not available	Flammability (solid, gas)	Not applicable
Flash Point:	Not flammable	Evaporation Rate:	Not available
Lower Explosive Limit:	Not available	Upper Explosive Limit:	Not available
Auto Ignition Temperature:	Not available	Vapour Pressure:	Not available
Vapour Density (air = 1):	Not available	Density:	Not available
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Coeff. Water/Oil Dist:	Not available	Viscosity:	Not available
Volatility:	Not available	Oxidizing Properties:	Not available

*****Section 10 - STABILITY AND REACTIVITY*******10.1 Reactivity**

No reactivity hazard is expected.

10.2 Chemical Stability

Stable at normal temperatures and pressure.

10.3 Possibility of Hazardous Reactions

Will not polymerize.

10.4 Conditions to Avoid

Avoid contact with incompatible materials. Avoid excessive heat and ignition sources.

10.5 Incompatible Materials

acids, bases

10.6 Hazardous Decomposition Products

No data available.

*****Section 11 - TOXICOLOGICAL INFORMATION*******11.1 Information on Toxicological Effects****Acute and Chronic Toxicity**

No information available for the product.

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

Material Name: Maxpar® Water

SDS ID: MSDS-201069 (EU)
Rev. 3.0
In Compliance with Regulation (EC)
1907/2006 (REACH) as Amended

Irritation / Corrosivity

No information available for the product.

Respiratory Sensitisation

No data available.

Skin Sensitisation

No data available.

Germ Cell Mutagenicity

No data available.

Carcinogenicity

Component Carcinogenicity

None of this product's components are listed by IARC or DFG.

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No data available.

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Aspiration Hazard

No data available.

Section 12 - ECOLOGICAL INFORMATION

12.1 Toxicity

No information available for the product.

Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components.

12.2 Persistence and Degradability

No information available for the product.

12.3 Bioaccumulative Potential

No information available for the product.

12.4 Mobility in Soil

No information available for the product.

12.5 Results of PBT and vPvB Assessment

No information available for the product.

EU - Interim Strategy for Management of PBT and vPvB Substances (PBT Assessments)

No components of this material are listed.

12.6 Other Adverse Effects

No information available for the product.

Section 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose in accordance with all applicable regulations. Reprocess whenever possible.

Section 14 - TRANSPORT INFORMATION

International Bulk Chemical Code

This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

*****Section 15 - REGULATORY INFORMATION*****

15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture
EU - REACH (1907/2006) - Annex XIV List of Substances Subject to Authorisation

No components of this material are listed.

EU - REACH (1907/2006) - Article 59(1) Candidate List of Substances Subject to Authorisation

No components of this material are listed.

EU - REACH (1907/2006) - Annex XVII Restrictions of Certain Dangerous Substances, Mixtures and Articles

No components of this material are listed.

Germany Regulations
Germany Water Classification

No components of this material are listed.

Denmark Regulations
Environmental Protection Agency List of Undesirable Substances

No components of this material are listed.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for the substance/mixture.

Inventory Status

All components of this substance are listed on or exempt from EINECS. All of the components of this product are listed on the TSCA Inventory. All components of this product are listed on the DSL.

Component Analysis - Inventory

Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Maxpar® Water	7732-18-5	Yes	DSL	EIN	Yes	Yes	No	Yes	Yes	Yes

*****Section 16 - OTHER INFORMATION*****

16.1 Indication of changes

Revision 3.0;: CHG-002112

Summary of revision: Changed the storage condition from 2-30 °C to 2-8 °C in section 7. Edited reference to Doc ID, catalogue number range 201302-2013XX

16.2 Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; Kow - Octanol/water partition coefficient; LEL - Lower Explosive Limit; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NIOSH - National Institute for Occupational Safety and Health; NTP = National Toxicology Program; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; STEL - Short-term Exposure Limit; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UEL - Upper Explosive Limit; WHMIS - Workplace Hazardous Materials Information System

16.3 Key literature references and sources for data

Available upon request

16.4 Methods used for classification of mixture according to Regulation (EC) No 1272/2008

Available upon request

16.5 Full text of R phrases in Section 3

Safety Data Sheet

Material Name: Maxpar® Water

SDS ID: MSDS-201069 (EU)

Rev. 3.0

In Compliance with Regulation (EC)
1907/2006 (REACH) as Amended

None

16.6 Training Advice

Read the Safety Data Sheet before handling product.

16.7 Other Information

Disclaimer: Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product. For Research Use Only. Not for use in diagnostic procedures.

End of Sheet 201069_EU