**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.
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**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<tbody>
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<td>7732-18-5</td>
<td>231-791-2</td>
<td>--</td>
<td>Maxpar® Water</td>
<td>--</td>
<td>--</td>
<td>100</td>
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</tr>
</tbody>
</table>

**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 ºC. 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.
**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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Physical Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>32 ºF</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Lower Explosive Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto Ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Density (air = 1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity (water = 1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Coeff. Water/Oil Dist</td>
<td>Not available</td>
</tr>
<tr>
<td>Volatility</td>
<td>Not available</td>
</tr>
<tr>
<td>Appearance</td>
<td>clear liquid</td>
</tr>
<tr>
<td>Odour</td>
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</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper Explosive Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Pressure</td>
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</tr>
<tr>
<td>Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not available</td>
</tr>
</tbody>
</table>

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**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.

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**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.
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 LOI 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**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>US</th>
<th>CA</th>
<th>EU</th>
<th>AU</th>
<th>PH</th>
<th>JP</th>
<th>KR</th>
<th>CN</th>
<th>NZ</th>
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</thead>
<tbody>
<tr>
<td>Maxpar® Water</td>
<td>7732-18-5</td>
<td>Yes</td>
<td>DSL</td>
<td>EIN</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**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; 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
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