

# SAFETY DATA SHEET

Product Identifier: Maxpar® Water for CyTOF® XT  
Catalog ID numbers: Cat# 201242

SDS ID: SDS-00034 Rev 01

---

## SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

---

### Contact information

<b>General</b>	Fluidigm Corporation 2 Tower Place, Suite 2000, South San Francisco, CA 94080 Main (U.S.): +1 (650) 266-6000 E-mail: techsupport@fluidigm.com
<b>Emergency telephone number</b>	+ (650) 266-6100 (outside US) + (866) 358-4354 (toll free)

---

<b>Product identifier</b>	Maxpar® Water for CyTOF® XT
<b>Synonyms</b>	None identified
<b>Trade names</b>	None identified
<b>Chemical family</b>	None identified

**Relevant identified uses of the substance or mixture and uses advised against**     *For Research Use Only.*

**Note**     This SDS is written to address potential worker health and safety issues associated with the handling of the formulated product/mixture. Workers manufacturing this product/mixture should consult the SDS of each hazardous ingredient for hazard information and handling recommendations.

---

## SECTION 2 - HAZARDS IDENTIFICATION

---

**Classification of the substance or mixture**     The classification and labeling listed below is for bulk formulation.

**Globally Harmonized System [GHS]**     Not classified

### Label elements

**GHS hazard pictogram**     None required

**GHS signal word**     None required

**GHS hazard statements**     None required

**GHS precautionary statements**     None required

**Other hazards**     None required

**Note**     None required

---

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

---

<u>Ingredient</u>	<u>CAS #</u>	<u>EINECS/ ELINCS#</u>	<u>Amount</u>	<u>GHS Classification</u>
Water	7732-18-5	N/A	100%	Not classified

# SAFETY DATA SHEET

Product Identifier: Maxpar® Water for CyTOF® XT  
Catalog ID numbers: Cat# 201242

SDS ID: SDS-00034 Rev 01

**Note** The primary ingredient of this mixture is sterile water (100%).

---

## SECTION 4 - FIRST AID MEASURES

---

### Description of first aid measures

**Immediate Medical Attention Needed** No. It is unlikely that first aid will be required.

**Eye Contact** It is unlikely that first aid will be required.

**Skin Contact** It is unlikely that first aid will be required.

**Inhalation** It is unlikely that first aid will be required.

**Ingestion** It is unlikely that first aid will be required.

**Protection of first aid responders** It is unlikely that first aid will be required.

**Most important symptoms and effects, both acute and delayed** No information on significant adverse effects.

**Indication of immediate medical attention and special treatment needed, if necessary** No information on significant adverse effects.

---

## SECTION 5 - FIREFIGHTING MEASURES

---

**Extinguishing media** Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

**Specific hazards arising from the substance or mixture** This material will not burn

**Flammability/Explosivity** No explosivity data identified. As product is an aqueous solution, it is not expected to be flammable.

**Advice for firefighters** Wear full protective clothing and a self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode. Decontaminate all equipment after use.

---

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

---

**Personal precautions, protective equipment and emergency procedures** If product is released or spilled, take proper precautions to minimize exposure by using appropriate personal protective equipment (see Section 8).

**Environmental precautions** No special precautionary measures necessary.

# SAFETY DATA SHEET

Product Identifier: Maxpar® Water for CyTOF® XT  
Catalog ID numbers: Cat# 201242

SDS ID: SDS-00034 Rev 01

---

## SECTION 6 - ACCIDENTAL RELEASE MEASURES ... continued

---

**Methods and material for containment and cleaning up** Stop leak if possible, without personal risk. Collect with absorbent into suitable container

**Reference to other sections** See Sections 8 and 13 for more information.

---

## SECTION 7 - HANDLING AND STORAGE

---

**Precautions for safe handling** Use in accordance with good industrial hygiene practices.

**Conditions for safe storage including any incompatibilities** Store and handle in accordance with all current regulations and standards. Store at 2 to 8°C. Keep container closed when not in use. Keep separated from incompatible substances. **Incompatibilities:** acids, bases

**Specific end use(s)** No information identified.

---

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**Control Parameters/Occupational Exposure Limit Values** ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

**Exposure/Engineering controls** None required for normal handling of packaged product.

---

**Respiratory protection** None required for normal handling of packaged product. If handling bulk formulation: Choice of respiratory protection should be appropriate to the task and the level of existing engineering controls.

**Hand protection** None required for normal handling of packaged product. If handling bulk formulation: Wear disposable nitrile or other impervious gloves. When the material is diluted in an organic solvent, wear gloves that provide protection against the solvent.

**Skin protection** None required for normal handling of packaged product. No special clothing required.

**Eye/face protection** None required for normal handling of packaged product.

**Other protective measures** Wash hands in the event of contact with product, especially before eating, drinking or smoking. Protective equipment is not to be worn outside the work area (e.g., in common areas or out-of-doors).

---

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

---

**Information on basic physical and chemical properties**

<b>Appearance</b>	Clear Liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	No information identified.
<b>Odor threshold</b>	No information identified.
<b>pH</b>	6.0 – 8.0 at 25 °C.
<b>Melting point/freezing point</b>	0 °C or 32 °F.
<b>Initial boiling point and boiling range</b>	100 °C or 212 °F.
<b>Flash point</b>	No information identified.
<b>Evaporation rate</b>	No information identified.
<b>Flammability (solid, gas)</b>	No information identified.
<b>Upper/lower flammability or explosive limits</b>	No information identified.
<b>Vapor pressure</b>	No information identified.

---

<b>Vapor density</b>	Not applicable.
<b>Relative density</b>	No information identified.
<b>Water solubility</b>	Soluble.
<b>Solvent solubility</b>	No information identified.
<b>Partition coefficient (<i>n</i>-octanol/water)</b>	No information identified.
<b>Auto-ignition temperature</b>	No information identified.
<b>Decomposition temperature</b>	No information identified.
<b>Viscosity</b>	No information identified.
<b>Explosive properties</b>	No information identified.
<b>Oxidizing properties</b>	No information identified.

**Other information**

<b>Molecular formula</b>	H <sub>2</sub> O
<b>Molecular weight</b>	18.015 g/mol

# SAFETY DATA SHEET

Product Identifier: Maxpar® Water for CyTOF® XT  
Catalog ID numbers: Cat# 201242

SDS ID: SDS-00034 Rev 01

---

## SECTION 10 - STABILITY AND REACTIVITY

---

<b>Reactivity</b>	No reactivity hazard is expected.
<b>Chemical stability</b>	Stable at normal temperatures and pressure.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid contact with incompatible materials. Avoid excessive heat and ignition sources.
<b>Incompatible materials</b>	Acids, bases
<b>Hazardous decomposition products</b>	No information identified.

---

## SECTION 11 - TOXICOLOGICAL INFORMATION

---

<b>Information on toxicological effects</b>	No information on significant adverse effects
<b>Route of entry</b>	No information on significant adverse effects
<b>Acute toxicity</b>	No information on significant adverse effects
<b>Irritation/Corrosion</b>	No data available
<b>Sensitization</b>	No data available
<b>STOT-single exposure</b>	No data available
<b>STOT-repeated exposure/Repeat-dose toxicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>Developmental toxicity</b>	No studies identified.
<b>Genotoxicity</b>	No studies identified.
<b>Carcinogenicity</b>	None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA.
<b>Aspiration hazard</b>	No data available.
<b>Human health data</b>	See "Section 2 - Other Hazards"

# SAFETY DATA SHEET

Product Identifier: Maxpar® Water for CyTOF® XT  
Catalog ID numbers: Cat# 201242

SDS ID: SDS-00034 Rev 01

---

## SECTION 12 - ECOLOGICAL INFORMATION

---

<b>Toxicity</b>	No information available for the product. No LOLI ecotoxicity data is available for this product.
<b>Persistence and Degradability</b>	No information is available for the product
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Results of PBT and vPvB assessment</b>	Not performed.
<b>Other adverse effects</b>	No data available.
<b>Note</b>	No special precautions are necessary.

---

## SECTION 13 - DISPOSAL CONSIDERATIONS

---

<b>Waste treatment methods</b>	Dispose in accordance with all applicable regulations. Reprocess whenever possible.
--------------------------------	---

---

## SECTION 14 - TRANSPORT INFORMATION

---

<b>Transport</b>	Based on the available data, this product/mixture is not regulated as a hazardous material/dangerous good under EU ADR/RID, US DOT, Canada TDG, IATA, or IMDG.
<b>UN number</b>	None assigned.
<b>UN proper shipping Name</b>	None assigned.
<b>Transport hazard classes and packing group</b>	None assigned.
<b>Environmental hazards</b>	This product is not regulated as an environmental hazard or a marine pollutant.
<b>Special precautions for Users</b>	Not applicable
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

# SAFETY DATA SHEET

Product Identifier: Maxpar® Water for CyTOF® XT  
Catalog ID numbers: Cat# 201242

SDS ID: SDS-00034 Rev 01

---

## SECTION 15 - REGULATORY INFORMATION

---

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	This SDS generally complies with the requirements listed under current guidelines in the US, EU, AU, NZ, CN, JP, PH, KR and CA. Consult your local or regional authorities for more information.
<b>Chemical safety assessment</b>	Not conducted.
<b>TSCA status</b>	Not listed.
<b>SARA section 313</b>	Not listed.
<b>California proposition 65</b>	Not listed.
<b>Additional information</b>	No other information identified.

---

## SECTION 16 - OTHER INFORMATION

---

<b>Full text of H phrases and GHS classifications</b>	Not applicable.
<b>Sources of data</b>	Information from published literature and internal company data.
<b>Abbreviations</b>	ACGIH - American Conference of Governmental Industrial Hygienists; ADR/RID - European Agreement Concerning the International Carriage of Dangerous Goods by Road/Rail; AIHA - American Industrial Hygiene Association; CAS# - Chemical Abstract Services Number; CLP - Classification, Labelling, and Packaging of Substances and Mixtures; DOT - Department of Transportation; EINECS - European Inventory of New and Existing Chemical Substances; ELINCS - European List of Notified Chemical Substances; EU - European Union; GHS - Globally Harmonized System of Classification and Labeling of Chemicals; IARC - International Agency for Research on Cancer; IDLH - Immediately Dangerous to Life or Health; IATA - International Air Transport Association; IMDG - International Maritime Dangerous Goods; NIOSH - The National Institute for Occupational Safety and Health; NTP - National Toxicology Program; OEL - Occupational Exposure Limit; OSHA - Occupational Safety and Health Administration; PBT - Persistent, Bioaccumulative, and Toxic; SARA - Superfund Amendments and Reauthorization Act; STOT - Specific Target Organ Toxicity; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

---

<b>Issue Date</b>	Jun 2021
<b>Revisions</b>	Revision 01: CHG-004160 Summary of revision: new document release

<b>Disclaimer</b>	The information and recommendations in this safety data sheet are, to the best of Supplier's knowledge, accurate as of the date of issue. 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.
-------------------	--