

ZipChip Diluent: Intact Antibodies

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 01/06/2020 Date of Issue: 11/14/2016

Version: C

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: ZipChip Diluent: Intact Antibodies

Product Form: Aqueous

1.2. Intended Use of the Product

Use of the Substance/Mixture: For research and professional use only. Not for use in diagnostic procedures.

1.3. Name, Address, and Telephone of the Responsible Party

Company

908 Devices

645 Summer Street

Boston, MA 02210

T - 1 (857) 254 - 1500

<http://908devices.com/>

1.4. Emergency Telephone Number

Emergency Number: 1 (844) 908 - 4357

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

2.2. Label Elements

Signal Word (GHS-US) : Not classified.

Hazard Statements (GHS-US) : Not classified.

Hazard Pictograms (GHS-US) :



2.3. Precautionary Statements : Wash hands thoroughly after handling.
If exposed or concerned, get medical advice/attention.

2.4. Hazards not Otherwise Classified (HNOC)

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Components of Substance or Mixture

Name	Product Identifier	Formula	Molecular Weight	Weight
Water	CAS No. 7732-18-5	H ₂ O	18.02 g/mol	greater than 99.9%

SECTION 4: FIRST AID MEASURES

4.1. First Aid Information

General Advice: Not applicable.

Eye Contact: Not applicable.

Skin Contact: Not applicable.

Inhalation: Not applicable.

Ingestion: Not applicable.

4.2. Most Important Symptoms/Effects (Acute and Delayed)

Not applicable.

4.3. Medical Attention or Special Treatment Needed

Not applicable.

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SECTION 5: FIRE-FIGHTING MEASURES

5.1. Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Unsuitable Extinguishing Media

None.

5.3. Specific Hazards Arising from the Substance or Mixture

Not applicable.

5.4. Hazardous Combustion Products

Not applicable.

5.5. Explosion Data

Sensitivity to Mechanical Impact: Not applicable.

Sensitivity to Static Discharge: Not applicable.

5.6. Special Protective Equipment for Firefighters

Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment, and Emergency Procedures

Not applicable.

6.2. Cleanup and Containment Methods and Materials

Methods for Containment: Prevent further leakage or spillage.

Methods for Cleaning up: Mop up or absorb with an inert dry material and place in an appropriate waste disposal container.

6.3. Reference to Other Sections

See Section 12 for additional Ecological Information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice.

7.2. Precautions for Safe Storage, including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a clean place. Store at room temperature.

Incompatible Materials: None known based on information supplied.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

8.2. Appropriate Engineering Controls

Engineering Controls: Not applicable.

8.3. Personal Protective Equipment

Eye/Face Protection : Wear safety glasses with side shields (or goggles).

Skin and Body Protection : Wear protective gloves and protective clothing.

General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice.

Respiratory Protection : Not applicable.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear
Odor	: Odorless
Physical Property	: 7.0 pH
Melting/Freezing Point	: 0°C (32°F)
Boiling Point	: 100°C (212°F)
Flash Point	: Not applicable
Density	: 1.0 g/mL
Evaporation Rate	: Not available
Upper Flammability Limits	: Not available
Lower Flammability Limits	: Not available
Vapor Pressure	: 2.3 kPa (@ 20°C)
Vapor Density	: 0.62 (Air = 1)
Water Solubility	: Not available
Specific Gravity	: 1 (Water = 1)
Solubility in Other Solvents	: Not available
Partition Coefficient	: Not available
Autoignition Temperature	: Not available
Decomposition Temperature	: Not available
Kinematic Viscosity	: Not available
Explosive Properties	: Not available
Oxidizing Properties	: Not available

9.2. Other Information: No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Not available.
- 10.2. **Chemical Stability:** Stable.
- 10.3. **Possibility of Hazardous Reactions:** None under normal processing.
- 10.4. **Hazardous Polymerization:** Not applicable.
- 10.5. **Conditions to Avoid:** Extremes of temperature and direct sunlight.
- 10.6. **Incompatible Materials:** Not applicable.
- 10.7. **Hazardous Decomposition Products:** Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Likely Routes of Exposure

- Inhalation:** Not applicable.
- Eye Contact:** Not applicable.
- Skin Contact:** Not applicable.
- Ingestion:** Not applicable.

11.2. Information on Toxicological Effects

Symptoms: Not applicable.

11.3. Delayed and Immediate Effects, as well as Chronic Effects from Short- and Long-Term Exposure

Chronic Toxicity: Not applicable.

11.4. Numerical Measures of Toxicity

Unknown Acute Toxicity: Not applicable.

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SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Ecotoxicity:** Not applicable.
- 12.2. Persistence and Degradability:** Not applicable.
- 12.3. Bioaccumulation:** Not applicable.
- 12.4. Mobility:** Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Disposal of Waste

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Not regulated according to DOT Regulations.

14.2. In Accordance with IATA

Not regulated according to IATA Regulations.

14.3. In Accordance with IMDG

Not regulated according to IMDG Regulations.

SECTION 15: REGULATORY INFORMATION

15.1. International Inventories

All of the components in the product are on the following Inventory Lists: TSCA (United States), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), South Korea (KECL), China (IECSC), and Philippines (PICCS).

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Water	X	X	---	X	---	---	X	X	X	X

X - Listed

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

15.2. US Federal Regulations

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories:

Acute Health Hazard: No

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No.

CWA (Clean Water Act): This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

15.3. California Proposition 65

This product does not contain any Proposition 65 chemicals.

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SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

16.1. Miscellaneous Hazard Classes

Health Hazards Not Otherwise Classified (HHNOC): Not applicable.

16.2. National Fire Protection Association (NFPA) Rating

	NFPA
Health Hazard	0
Flammability	0
Stability	0
Physical and Chemical Properties	---

Hazard Scale:
0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe



16.3. Hazardous Materials Identification System (HMIS) Rating

	NFPA
Health Hazard	0
Flammability	0
Physical Hazard	0
Personal Protection	---

Hazard Scale:
0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe



Further Information

The information provided in this Safety Data Sheet (SDS) is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.