

Material Safety Data Sheet

ACCUGENE WATER

Version 1.1

Revision Date 2014.06.17

Print Date 2014.09.10

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ACCUGENE WATER
Material number : 51200
Product Use Description : Scientific research and development

Company : **Lonza Inc. - Rockland**
191 Thomaston Street
Rockland, ME 04841-2994
USA
Business Telephone: (207) 594-3400

Lonza Inc. - Walkersville
8830 Biggs Ford Road
Walkersville, MD 21793-0127
USA
Business Telephone (301) 898-7025

Emergency telephone number : 703-527-3887 (US: 800-424-9300)

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview****Non-hazardous substance**

Colour: colourless, Odour: odourless

OSHA Hazards : NO OSHA HAZARDS

Potential Health Effects

Aggravated Medical Condition : No hazards to be specially mentioned.
Inhalation : No hazards to be specially mentioned.
Skin : No hazards to be specially mentioned.
Eyes : No hazards to be specially mentioned.
Ingestion : No hazards to be specially mentioned.
Symptoms of Overexposure : No information available.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent
Water	7732-18-5	>= 99.90

SECTION 4. FIRST AID MEASURES**First aid procedures**

- Inhalation : No hazards which require special first aid measures.
- Skin contact : No hazards which require special first aid measures.
- Eye contact : No hazards which require special first aid measures.
- Ingestion : No hazards which require special first aid measures.

Notes to physician

- Symptoms : No information available.
- Treatment : No information available.

SECTION 5. FIREFIGHTING MEASURES**Flammable properties**

- Flash point : Remarks: not applicable

Fire fighting

- Suitable extinguishing media : Not combustible.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Use water spray to cool unopened containers.

Protective equipment and precautions for firefighters

- Specific hazards during firefighting : none
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Material Safety Data Sheet

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : No special environmental precautions required.
- Methods for containment /
Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

SECTION 7. HANDLING AND STORAGE**Handling**

- Handling : No special precautions required.
- Advice on protection against
fire and explosion : Stable under normal conditions.

Storage

- Requirements for storage
areas and containers : Keep tightly closed in a dry and cool place.
Do not freeze.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Contains no substances with occupational exposure limit values.

Engineering measures

- Engineering measures : Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

- Eye protection : No special precautions required.
- Hand protection : Wear suitable gloves., Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place. No special protective equipment required.
- Respiratory protection : No personal respiratory protective equipment normally

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Hygiene measures : required.
: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Physical state : liquid
Colour : colourless
Odour : odourless

Safety data

Flash point : Note: not applicable
Molecular weight : 18.01 g/mol
Melting point/range : 32.2 °F (0.1 °C)
Boiling point/boiling range : 212 °F (100 °C)
Vapour pressure : 23 hPa (17 mmHg)
at 68 °F (20 °C)
1,013 hPa (762 mmHg)
at 212 °F (100 °C)
Density : 1 g/cm³
at 39 °F (4 °C)

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: not applicable
Materials to avoid : Remarks: none
Hazardous decomposition products : Note: No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Further information : Health injuries are not known or expected under normal use.

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SECTION 12. ECOLOGICAL INFORMATION

Biodegradability : Remarks:
not applicable

Bioaccumulation : Remarks:
not applicable

Acute Fish toxicity : Remarks:
not applicable

Additional ecological information : not applicable

Component:

Water

7732-18-5

Additional ecological information:

not applicable

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Can be disposed as waste water, when in compliance with local regulations.

SECTION 14. TRANSPORT INFORMATION**DOT**

Not dangerous goods

TDG

Not dangerous goods

IATA

Not dangerous goods

IMDG-CODE

Not dangerous goods

RID

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : No OSHA Hazards

WHMIS Classification : Not a controlled Product

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- TSCA Status** : For use only in products that are not regulated under TSCA (such as EPA FIFRA registered and FDA regulated products), or for research and development (R&D) by technically qualified individuals.
- DSL Status** : Product falls under research and development.
- SARA 311/312 Hazards** : No SARA Hazards

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

- SARA 313 Components** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

- Massachusetts Right To Know Components** : No components are subject to the Massachusetts Right to Know Act.
- Pennsylvania Right To Know Components** : Water 7732-18-5
- New Jersey Right To Know Components** : Water 7732-18-5
- California Prop. 65 Components** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16. OTHER INFORMATION

Further information

- HMIS Classification** : Health hazard: 0
Flammability: 0
Reactivity: 0

The information provided in this Safety Data Sheet 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.

- Prepared by : Product Safety Americas

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