

Material Safety Data Sheet

FlashGel™ Cassette

Version 31

Revision Date 2012.06.14

Print Date 2012.12.10

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : FlashGel™ Cassette
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

Form: gel, Aqueous solution, Colour: clear, Odour: no data available

OSHA Hazards : NO OSHA HAZARDS

Potential Health Effects

Inhalation : No hazards resulting from the material as supplied.

Skin : May irritate skin.

Eyes : May irritate eyes.

Ingestion : May be harmful if swallowed.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent
Proprietary fluorescent stain		< 0.04

No ingredients are hazardous according to OSHA criteria.

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

- Inhalation : No special precautions required.
- Skin contact : Wash with water and soap as a precaution.
If skin irritation persists, call a physician.
- Eye contact : Immediately flush eye(s) with plenty of water.
If eye irritation persists, consult a specialist.
- Ingestion : Immediately give large quantities of water to drink.
Do not induce vomiting without medical advice.
Never give anything by mouth to an unconscious person.

SECTION 5. FIREFIGHTING MEASURES**Flammable properties**

- Flash point : Remarks: not determined

Fire fighting

- Suitable extinguishing media : Water spray
Dry powder
Foam
- Further information : Use water spray to cool unopened containers.

Protective equipment and precautions for firefighters

- Specific hazards during firefighting : Heating or fire can release toxic gas.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains.
- Methods for containment /
Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Handling

- Handling : No special precautions required.
- Advice on protection against
fire and explosion : No special precautions required.

Storage

- Requirements for storage
areas and containers : Keep container closed when not in use.

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 : Tightly fitting safety goggles
- Hand protection : Protective gloves
- 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 required.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety

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practice.

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

Form : gel
Aqueous solution
Colour : clear
Odour : no data available

Safety data

Flash point : Note: not determined
pH : Note: no data available
Water solubility : Note: soluble

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: None known.
Materials to avoid : Remarks: Strong oxidizing agents
Strong acids and strong bases
Hazardous decomposition products : Note: Carbon dioxide (CO₂)
Carbon monoxide
nitrogen oxides (NO_x)
Sulphur oxides
Hazardous reactions : None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Further information : No data is available on the product itself.

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information : No data is available on the product itself.

SECTION 13. DISPOSAL CONSIDERATIONS

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Further information : Dispose of in accordance with local regulations.
Contact waste disposal services.

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

TSCA Status : Not On TSCA Inventory

DSL Status : This product contains one or several components that are not on the Canadian DSL nor NDSL lists.

SARA 311/312 Hazards : No SARA Hazards

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 Components : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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

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- Massachusetts Right To Know Components** : No components are subject to the Massachusetts Right to Know Act.
- Pennsylvania Right To Know Components** : No components are subject to the Pennsylvania Right to know act
- New Jersey Right To Know Components** : No components are subject to the New Jersey Right to know act
- 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: 1
Flammability: 0
Physical hazards: 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.

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