

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

ISOGEL AGAROSE IEF PLATES PH 3-10

Version	2.1 / EN
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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name	: ISOGEL AGAROSE IEF PLATES PH 3-10
Material number	: 56015

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the Substance/Mixture	: Scientific research and development
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Recommended restrictions on use: For R&D use only. Not for pharmaceutical, household or other uses.

**1.3 Details of the supplier of the safety data sheet**

Company	: Lonza Ltd Muenchensteinerstrasse 38 CH-4002 Basel, Switzerland Telephone: +41 61 316 81 11
E-mail address	: prodinfo@lonza.com
Responsible/issuing person	

**1.4 Emergency telephone number**

Lonza Ltd, CH-4002 Basel, Switzerland  
Telephone: +41 61 313 94 94 (24h)

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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**2.2 Label elements****Labelling according to EC Directives**

REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

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**2.3 Other hazards**

General advice : No information available.

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**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Substances / Mixtures : Mixture

**Hazardous components**

No dangerous ingredients according to Regulation (EC) No. 1907/2006

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**SECTION 4: First aid measures****4.1 Description of first aid measures**

Inhalation : No special precautions required.

Skin contact : After contact with skin, wash immediately with plenty of soap and water. 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 : If swallowed, do not induce vomiting - seek medical advice. Immediately give large quantities of water to drink. Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms : No information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treatment : No information available.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing media : Dry powder, Water spray, Foam

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting : Heating or fire can release toxic gas.

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**5.3 Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Further information : Use water spray to cool unopened containers.

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Personal precautions : Use personal protective equipment.

**6.2 Environmental precautions**

- Environmental precautions : Prevent product from entering drains.

**6.3 Methods and materials for containment and cleaning up**

- Methods for cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.

**6.4 Reference to other sections**

- Additional advice : For personal protection see section 8.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Advice on safe handling : No special precautions required.  
Advice on protection against fire and explosion : Avoid dust formation. Take precautionary measures against static discharges.

**7.2 Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : Keep tightly closed in a dry and cool place. Keep refrigerated. Keep from freezing.  
Storage temperature : 4 °C

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**7.3 Specific end use(s)**

Specific use(s) : No information available.

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls****Engineering measures**

Additional technical information on the plant : Use only in area provided with appropriate exhaust ventilation.

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.  
Hand protection : Suitable material : Nitrile rubber  
Break through time : > 480 min  
Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection : Safety glasses with side-shields

Skin and body protection : No special protective equipment required.

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

**Environmental exposure controls**

General advice : Prevent product from entering drains.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form : Gel/liquid  
Physical state : Liquid-solid  
Colour : clear  
Odour : odourless  
Flash point : no data available

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**9.2 Other information**

no data available

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**SECTION 10: Stability and reactivity****10.1 Reactivity**

Stable under recommended storage conditions.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Stable under normal conditions.

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

Strong oxidizing agents, Acids and bases, water

**10.6 Hazardous decomposition products**

No decomposition if stored normally.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Additional advice : No data is available on the product itself.

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**SECTION 12: Ecological information****12.1 Toxicity**

Toxicity to fish : no data available

**12.2 Persistence and degradability**

Biodegradability : no data available

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**12.3 Bioaccumulative potential**

Bioaccumulation : no data available

**12.4 Mobility in soil**

Behaviour in environmental compartments : no data available

**12.5 Results of PBT and vPvB assessment**Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).  
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).**12.6 Other adverse effects**

Additional advice : no data available

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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**Product : Contact waste disposal services.  
Dispose of in accordance with local regulations.

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**SECTION 14: Transport information****IATA** Not dangerous goods**14.1 UN number** : Not applicable  
**14.2 Proper shipping name** : Not applicable  
**14.3 Transport hazard class** : Not applicable  
**14.4 Packing group** : Not applicable  
**14.5 Environmental hazards** : no**IMDG** Not dangerous goods**14.1 UN number** : Not applicable  
**14.2 Proper shipping name** : Not applicable  
**14.3 Transport hazard class** : Not applicable  
**14.4 Packing group** : Not applicable  
**14.5 Environmental hazards** : Marine pollutant: no

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<b>ADR</b>	:	Not dangerous goods
<b>14.1 UN number</b>	:	Not applicable
<b>14.2 Proper shipping name</b>	:	Not applicable
<b>14.3 Transport hazard class</b>	:	Not applicable
<b>14.4 Packing group</b>	:	Not applicable
<b>14.5 Environmental hazards</b>	:	no
<b>RID</b>	:	Not dangerous goods
<b>14.1 UN number</b>	:	Not applicable
<b>14.2 Proper shipping name</b>	:	Not applicable
<b>14.3 Transport hazard class</b>	:	Not applicable
<b>14.4 Packing group</b>	:	Not applicable
<b>14.5 Environmental hazards</b>	:	no
<b>DOT</b>	:	Not dangerous goods
<b>14.1 UN number</b>	:	Not applicable
<b>14.2 Proper shipping name</b>	:	Not applicable
<b>14.3 Transport hazard class</b>	:	Not applicable
<b>14.4 Packing group</b>	:	Not applicable
<b>14.5 Environmental hazards</b>	:	no
<b>TDG</b>	:	Not dangerous goods
<b>14.1 UN number</b>	:	Not applicable
<b>14.2 Proper shipping name</b>	:	Not applicable
<b>14.3 Transport hazard class</b>	:	Not applicable
<b>14.4 Packing group</b>	:	Not applicable
<b>14.5 Environmental hazards</b>	:	no
<b>14.6 Special precautions for user</b>	:	none
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	:	Not applicable

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### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### 15.2 Chemical Safety Assessment

not required

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### SECTION 16: Other information

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**Further information**

Recommended restrictions on use : For R&D use only. Not for pharmaceutical, household or other uses.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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.