



THISTLE
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Material Safety Data Sheet

CleverGEL & EZEE agarose – High Grade Agarose for Nucleic Acid Electrophoresis

Product details:

- **Trade name:** CleverGEL & EZEE – High Grade Agarose for Nucleic Acid Electrophoresis
- **Catalogue or product number:** CSL-AG5, CSL-AG100, CSL-AG500, CSL-AG1000, CSL-AG2000, CSL-AG5000; EZEE-AG5, EZEE-AG100, EZEE-AG500
- **Application of the substance / the preparation** Laboratory chemicals
- **Manufacturer/Supplier:**

Thistle Scientific Ltd., Unit 41 Somers Road Industrial Estate, Rugby, Warwickshire, CV22 7DH.

- Site: <http://www.thistlescientific.com>
- E-mail: enquiries@thistlescientific.co.uk
- Emergency Tel No: +44 (0)1788 565300 (not 24 hours)

Chemical characterization:

CAS No. Description:

- 9012-36-6 Agarose
- **Identification number(s):**
EINECS Number: 232-731-8

General information

- No special measures are required.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Generally the product does not irritate the skin.
- **After eye contact**, Rinse open eye for several minutes under running water.
- **After swallowing** Induce vomiting and call for medical help.

Suitable extinguishing agents

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: No special measures required.

Person-related safety precautions: Not required

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Scottish Office: Goldie Road, Uddingston, Glasgow, G71 6PB, United Kingdom, TEL: 01698 338844

EMAIL: enquiries@thistlescientific.co.uk • WEB: www.thistlescientific.co.uk • Reg: SC180867



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Measures for environmental protection: Do not allow the products to enter sewers, surface water, or ground water.

Measures for cleaning/collecting: Pick up mechanically.

Additional information: No dangerous substances are released.

Handling

· **Information for safe handling:**

- No special measures are required.
- No special precautions are necessary if used correctly.

· **Information about protection against explosions and fires:** No special measures required.

Storage:

- **Requirements to be met by storerooms and receptacles:** According to product specification
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

- **Additional information about the design of technical systems:** No further data.
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**

The usual precautionary measures for handling chemicals should be followed.

- **Protection of hands:** Protective gloves.
- **Material of gloves:** Synthetic gloves
- **Penetration time of glove material**

The exact breakthrough time has to be found out from the manufacturer of the protective gloves and must be observed.

- **Eye protection:** Not required.

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General Information:

Form: Powder

Colour: Whitish

Odour: Odourless

· **Change in condition**

Melting point/Melting range: 36°C +/-1.5°C

Boiling point/Boiling range: 88°C +/-1.5°C

· **Flash point:** Not applicable

· **Flammability (solid, gaseous):** Product is not flammable.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not determined

· **Solubility in / Miscibility with:**

- **Water at 20°C:** 6 g/l
- **Organic solvents:** 0.0 %
- **Solids content:** 100.0 %

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritant effect.

· **Sensitization:** No sensitising effects known.

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted products or large quantities of it to reach ground water, water course or sewage system.

· **Product:**

· **Recommendation** Hand over to hazardous waste disposers.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agent:** Water, if necessary, with cleansing agents



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