

SOUTHERN GROUP LABORATORY LIMITED

SAFETY DATA SHEET

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| SECTION 1. | IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING |
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1.1 Product identifier

Product name Middlebrooks 7H10 Agar

SGL Product code 7046

This product is a mixture.

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

Identified uses Reagent for laboratory analysis

Uses advised against No information on uses against available.

1.3. Details of the supplier of the safety data sheet

Supplier Southern Group Laboratory,
Cavendish Courtyard, Sallow Road,
Weldon North Industrial Estate,
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| SECTION 2. HAZARDS IDENTIFICATION |
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2.1 Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

Physical hazards

Based on available data, no classification met

Health hazards

Based on available data, no classification met

Environmental hazards

Based on available data, no classification met

This product does not meet the criteria for classification in any hazard class. A safety data sheet is being supplied for information.

2.2. Label elements

Pictogram None

Signal word None

Hazard statements None

Precautionary statements None

Supplementary Precautionary Statements None

2.3. Other hazards None

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| SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS |
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3.1. Mixtures

| Name | EC No. | CAS-No. | Concentration | Classification |
|----------------|----------------|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

Composition comments

There are no known hazardous components contained in this mixture that require disclosure. The data shown are in accordance with Regulation (EC) No. 1272/2008.

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| SECTION 4. | FIRST-AID MEASURES |
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4.1 Description of first aid measures

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| Inhalation | Remove from exposure. |
| Ingestion | Wash out mouth thoroughly with water. In severe cases and/or if symptoms occur, obtain medical attention. |
| Skin contact | Wash off thoroughly with soap and water. Remove contaminated clothing and wash before re-use. |
| Eye Contact | Irrigate thoroughly with water for at least 10 minutes. If discomfort persists, obtain medical attention. |
| Self Protection of the first aider | No special precautions identified. |

4.2 Most important symptoms and effects, both acute and delayed

None expected under normal circumstances. In extreme cases may cause nausea, vomiting and/or diarrhoea if ingested.

4.3. Indication of any immediate attention and special treatment needed

Notes for doctor No specific recommendations.

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| SECTION 5. | FIRE – FIGHTING MEASURES |
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5.1. Extinguishing media

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| Suitable extinguishing media | Water, foam, carbon dioxide (CO ₂), powder |
| Unsuitable extinguishing media | None identified |

Prevent fire fighting media from entering watercourses or ground water.

5.2. Special hazards arising from the substance or mixture

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| Hazardous combustion products | Possible generation of hazardous gases or vapours in event of fire. |
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5.3. Advice for firefighters

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| Protective actions during firefighting | Wear self contained breathing apparatus (SCBA). |
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| SECTION 6. | ACCIDENTAL RELEASE MEASURES |
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6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Should not be released into the environment.

6.3. Methods and material for containment and cleaning up

Collect and seal material in closed container. Wear personal protective clothing as recommended in Section 8. Wash site of spillage thoroughly with water and detergent. Dispose as recommended in Section 13.

6.4. Reference to other sections

Section 8 for protective measures.
Section 13 for disposal considerations.

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| SECTION 7. | HANDLING AND STORAGE |
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7.1 Precautions for safe handling

Wear personal protective clothing. Avoid contact with skin, eyes and clothing. Change contaminated clothing. Wash hands after working with material.

7.2 Conditions for safe storage, including any incompatibilities

Store according to label requirements. Keep closed and protected from direct sunlight and moisture.

7.3 Specific end use(s)

Use in laboratories.

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| SECTION 8. | EXPOSURE CONTROLS/PERSONAL PROTECTION |
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8.1 Control parameters

| Component | CAS No | Long Term Exposure Limit (8 hr TWA Reference Period) | Short Term Exposure (15 Min Reference Period) | Basis | Comments |
|-----------|---------|--|---|------------------------------------|----------|
| Glycerol | 56-81-5 | 10 mg/m ³ | None stated | UK. EH40 Workplace Exposure Limits | None |

Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

8.2 Exposure controls

Engineering measures

Avoid contact with skin, eyes and clothing. Wash hands before breaks.

Protective equipment



Eye/face protection

None needed during normal use.

Hand protection

Disposable nitrile rubber gloves complying with EC Directive 89/686/EEC and Standard EN374
Glove thickness of 0.11mm
See manufacturer's recommendations for break through times

Other skin and body protection Long sleeved clothing.

Hygiene measures

Wash hands after use.

Respiratory protection

None needed during normal use.

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| SECTION 9. | PHYSICAL AND CHEMICAL PROPERTIES |
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9.1. Information on basic physical and chemical properties

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| Appearance | Solid |
| Colour | Light amber |
| Odour | No data available |
| Odour threshold | No data available |
| pH | 6.4 to 6.8 at 20°C |
| Melting point/freezing point | No data available |
| Initial boiling point and boiling range | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper/lower flammability or explosive limits | |
| Lower explosion limit (VOL-%) | No data available |
| Upper explosion limit (VOL-%) | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | No data available |
| Solubility(ies) | No data available |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |

9.2. Other information

None

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| SECTION 10. | STABILITY AND REACTIVITY |
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10.1 Reactivity

None known.

10.2 Chemical stability

Stable under storage at normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Avoid exposure to direct sunlight and excess moisture.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None known.

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| SECTION 11. TOXICOLOGICAL INFORMATION |
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11.1 Information on toxicological effects

The acute toxicity data is based on the mixture.

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| Acute oral toxicity | No data available |
| Acute dermal toxicity | No data available |
| Acute inhalation toxicity | No data available |
| Skin corrosion/irritation | No data available |
| Serious eye damage/irritation | No data available |
| Respiratory or skin sensitisation | No data available |
| Germ cell mutagenicity | No data available |
| Carcinogenicity | No data available |
| Reproductive toxicity | No data available |
| STOT single exposure | No data available |
| STOT repeated exposure | No data available |
| Aspiration hazard | No data available |

11.2 Additional information

In extreme cases may cause nausea, vomiting and/or diarrhoea if ingested.

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| SECTION 12. | ECOLOGICAL INFORMATION |
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12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

None known.

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| SECTION 13. | DISPOSAL CONSIDERATIONS |
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13.1 Waste treatment methods

Sterilise used containers by, for example, autoclaving before final disposal. Dispose of in accordance with applicable local and national regulations.

Waste should not be disposed of by release to sewers.

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| SECTION 14. | TRANSPORT INFORMATION |
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Not classified as dangerous according to transport regulations.

Land transport (ADR/RID) / Sea transport (IMDG) / Air transport (ICAO-TI/IATA-DGR)

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| 14.1 <u>UN number</u> | Not applicable |
| 14.2 <u>UN proper shipping name</u> | Not applicable |
| 14.3 <u>Transport hazard class(es)</u> | Not applicable |
| 14.4 <u>Packing group</u> | Not applicable |
| 14.5 <u>Environmental hazards</u> | No data available |

14.6 Special precautions for user No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable, packaged goods.

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| SECTION 15. | REGULATORY INFORMATION |
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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of Substances and mixtures (as amended).

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

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| SECTION 16. | OTHER INFORMATION |
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16.1 Relevant H- and EUH-phrases (number and full text)

None.

16.2 Additional information

The above information is based on present knowledge, but does not purport to be inclusive and should only be used as a guide. Southern Group Laboratory shall not be held liable for any damage resulting from handling or from contact with the above product.

The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made up material.

16.3 Revision summary

Changes to this issue First issue.

Revision Date: 28.04.2017

Issue No: 01

END OF SAFETY DATA SHEET