



SAFETY DATA SHEET

Creation Date 04-Nov-2010

Revision Date 08-Nov-2013

Revision Number 2

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name MALT EXTRACT AGAR
Cat No. : CM0059
Synonyms No information available.
Recommended Use Laboratory chemicals

Company	Oxoid Ltd Wade Road Basingstoke, Hants, UK RG24 8PW Tel: +44 (0) 1256 841144 mbd-sds@thermofisher.com	Entity / Business Name	Oxoid Ltd. Wade Road Basingstoke, Hants, UK RG24 8PW Telephone: +44 (0) 1256 841144
----------------	--	-------------------------------	---

Emergency Telephone Number Carechem 24: +44 (0) 1865 407333

2. HAZARDS IDENTIFICATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Xn



R-phrases(s)

R42 - May cause sensitization by inhalation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Haz/Non-haz

Component	Weight %	EC-No.	DSD Classification - 67/548/EEC
Barley, malt 8002-48-0	59.6	EEC No. 232-310-9	Xn; R42

For the full text of the R-phrases and H-Statements mentioned in this Section, see Section 16



4. FIRST AID MEASURES

Eye Contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin Contact	Wash off with warm water and soap. Get medical attention if irritation develops and persists..
Ingestion	Do not induce vomiting. Clean mouth with water and drink afterwards plenty of water. Obtain medical attention.
Inhalation	Move to fresh air. Obtain medical attention.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Extinguishing media which must not be used for safety reasons

No information available.

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Flash Point

Not applicable

Method -

No information available.

Autoignition Temperature

No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment.
Environmental Precautions	Prevent further leakage or spillage if safe to do so
Methods for Containment and Clean Up	Sweep up or vacuum up spillage and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation. Do not breathe dust. Avoid contact with skin, eyes and clothing.
Storage	Keep container tightly closed in a dry and well-ventilated place. Protect from sunlight.
Specific use(s)	No information available.



MALT EXTRACT AGAR

Revision Date 08-Nov-2013

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits

The product does not contain any hazardous materials with occupational exposure limits established.

Occupational exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

Eye Protection

Tightly fitting safety goggles

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure

Hand Protection

Protective gloves

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Powder

Appearance

Light brown

pH

5.2 - 5.6@ 25°C

Boiling Point/Range

Not applicable

Melting Point/Range

No data available

Flash Point

Not applicable

10. STABILITY AND REACTIVITY

Stability

Stable under recommended storage conditions. Hygroscopic.

Conditions to Avoid

Keep away from direct sunlight.. Protect from moisture.

Incompatible Materials

Strong oxidizing agents

Hazardous Decomposition Products

None under normal use conditions

Hazardous Polymerization

No information available

Hazardous Reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information

Component Information

Chronic Toxicity



Carcinogenicity	There are no known carcinogenic chemicals in this product
Sensitization	May cause sensitization by inhalation.
Neurological Effects	No information available.
Mutagenic Effects	No information available.
Reproductive Effects	No information available.
Developmental Effects	No information available.
Target Organs	Respiratory system.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

Persistence and Degradability	No information available
Bioaccumulative Potential	No information available.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products	Dispose of in accordance with local regulations
Contaminated Packaging	Empty containers should be taken to local recyclers for disposal

14. TRANSPORT INFORMATION

<u>IMDG/IMO</u>	Not regulated
<u>ADR</u>	Not regulated
<u>IATA</u>	Not regulated

15. REGULATORY INFORMATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC

Labelling



MALT EXTRACT AGAR

Revision Date 08-Nov-2013

Xn



R-phrase(s)

R42 - May cause sensitization by inhalation

S-phrase(s)

S22 - Do not breathe dust

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

International Inventories

Component	EINECS	ELINCS	NLP	TSCA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Barley, malt	232-310-9	-		X	X	-	X	-	X	X	-

16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

R42 - May cause sensitization by inhalation

Prepared By	Regulatory Affairs
Creation Date	04-Nov-2010
Revision Date	08-Nov-2013
Revision Summary	"****", and red text indicates revision
Restrictions on use	No information available.
Training advice	No information available.
Literary reference	No information available.

Disclaimer

The information provided on 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet