ibresco Life Science

MATERIAL SAFETY DATA SHEET

Malt Extract Agar

Date of Issue: 08/26/2023

Material Safety Data sheet

Section 1: Product and Company Information				
Product Name	Malt Extract Agar			
Catalogue Number	i23107	Technical Phone	0098 21 66787291	
			09391003565	
E-mail	ibresco@gmail.com	Fax No	0098 2633523460	
Company Address	Zist Kavosh Iranian, No.432, East Kokab Av,45 Metri Golshahr, Karaj, Iran.			

Section 2: Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS

none

Section 3: Composition / Information on Ingredients

Mixture No components need to be disclosed according to the applicable regulations.

Section 4: First Aid Measures

Description of first-aid measures

If inhaled After inhalation: fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin

with water/ shower.

In case of eye contact After eye contact: rinse out with plenty of water. Remove contact lenses.

After swallowing: make victim drink water (two glasses at most). Consult doctor if

feeling unwell.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Water Foam Carbon dioxide (CO2) Dry powder.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture

Nature of decomposition products not known.

Carbon oxides

Combustible.

Development of hazardous combustion gases or vapors possible in the event of fire.

Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling

For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Storage conditions Tightly closed. Dry.

hygroscopic Moisture sensitive.

Storage class Storage class (TRGS 510): 11: Combustible Solids

Section 8: Exposure Controls / Personal Protection

Control parameters

Exposure controls

Appropriate engineering controls

Change contaminated clothing. Wash hands after working with substance.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses.

Skin protection

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm Break through time: 480 min

Material tested: KCL 741 Dermatril® L

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm Break through time: 480 min

Material tested: KCL 741 Dermatril® L

Respiratory protection

required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Control of environmental exposure

Do not let product enter drains.

Section 9: Physical and Chemical Properties		
Physical state	powder	
Color	beige	
Odor	No data available	
Odor Threshold	No data available	
Melting point/freezing point	No data available	
Initial boiling point and boiling range	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Upper/lower flammability or explosive limits	No data available	
Flash point	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
рН	5.4	
Viscosity	No data available	
Partition coefficient: n-octanol/water	No data available	
Density	No data available	
Relative density	No data available	
Explosive properties	No data available	
Oxidizing properties	No data available	
Other safety information	No data available	

Section 10: Stability and Reactivity

Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

Possibility of hazardous reactions

No data available

Conditions to avoid

no information available

Strong oxidizing agents

Hazardous decomposition products

In the event of fire: see section 5

Section 11: Toxicological Information

Information on toxicological effects

Mixture

Oral: No data available Inhalation: No data available Acute toxicity

Dermal: No data available

Skin corrosion/irritation No data available No data available Serious eye damage/eye irritation Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity No data available No data available Reproductive toxicity Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available No data available Aspiration hazard

To the best of our knowledge, the chemical, physical, and toxicological properties

have not been thoroughly investigated. **Additional Information**

Hazardous properties cannot be excluded but are unlikely when the product is

handled appropriately.

Section 12: Ecological Information			
Toxicity			
Mixture	No data available		
Persistence and degradability	No data available		
Bio accumulative potential	No data available		
Mobility in soil	No data available		
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.		
Other adverse effects	No data available		

Section 13: Disposal Consideration

Waste treatment methods

Product

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

Section 14: Transport Information		
TDG	Not regulated as a dangerous good	
IMDG	Not dangerous goods	
IATA	Not dangerous goods	
Further information	Not classified as dangerous in the meaning of transport regulations.	

Section 15: Regulatory Information

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

Section 16: Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. *ibresco* shall not be held liable for any damage resulting from handling or from contact with the above product.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.