

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Substance

Product Name **Yeast Extract**
 Product Code Y1333
 CAS # 8013-01-2
 Synonyms / Tradenames
 IUPAC Name
 MDL #
 EINECS #
 REACH #

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

Research and Development

1.3 Details of the supplier of the safety data sheet

Melford Laboratories Ltd
 Bildeston Road, Chelsworth
 Ipswich
 Suffolk
 IP7 7LE
 UK



Tel: 01449 741178
 Fax: 01449 741217
 Email: support@melford.co.uk

1.4 Emergency telephone number

01449 741178

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

None Hazardous

2.2 Label elements

None Hazardous

Hazard Statements

None Hazardous

Precautionary Phrases

None Hazardous

2.3 Other Hazards

None Hazardous

SECTION 3: Composition / information on ingredients

3.1 Substances

Yeast Extract

Assay:100% CAS:8013-01-2

3.2 Mixtures

Not Relevant

SECTION 4: First aid measures

4.1 Description of first aid measures

Skin contact Wash with plenty of soap and water.

<i>Eye contact</i>	Bathe the eye with running water for 15 minutes.
<i>Ingestion</i>	Wash out mouth with water. Consult a doctor.
<i>Inhalation</i>	Supply fresh air; consult a doctor in case of complaints.

4.2 Most important symptoms and effects, both acute and delayed

There may be mild irritation at the site of contact.
Nausea and stomach pain may occur.
There may be irritation to mucous membranes and upper respiratory tract.

4.3 Indication of any immediate medical attention and special treatment needed

No additional measures required

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable Water spray.
Carbon dioxide.
Alcohol or polymer foam.
Dry chemical powder.

Unsuitable None

5.2 Special hazards arising from the substance or mixture

NA

5.3 Advice for firefighters

Wear self-contained breathing apparatus.
Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions

Do not discharge into drains or rivers.

6.3 Methods and material for containment and cleaning up

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Safe handling Do not handle in a confined space.

Protection against explosions and fires No special requirements

7.2 Conditions for safe storage, including any incompatibilities

<i>Managing storage risks</i>	Store in cool, well ventilated area.
<i>Storage controls</i>	Keep container tightly closed.
<i>Maintaining integrity</i>	No special requirements
<i>Further information about storage conditions</i>	no further information available

7.3 Specific end use(s)

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

No Data Available

8.2 Exposure controls

<i>General protective and hygiene measures</i>	The standard precautionary measures should be adhered to when handling
<i>Engineering measures</i>	Ensure there is sufficient ventilation of the area.
<i>Eye/face protection</i>	Safety Glasses.
<i>Hand protection</i>	Protective gloves.
<i>Respiratory protection</i>	Respiratory protective device with particle filter.
<i>Skin protection</i>	Protective clothing.
<i>Other personal protection advice</i>	no data

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Off white solid
Odour	N/A
Odour threshold	N/A
pH	N/A
Melting point/freezing point	N/A
Initial boiling point and boiling range	N/A
Flash point	N/A
Evaporation rate	N/A
Flammability (solid, gas)	N/A
Upper/lower flammability or explosive limits	N/A
Vapour pressure	N/A
Vapour density	N/A
Relative density	N/A
Solubility(ies);	Soluble in water

Safety Data Sheet

Revision 1.01
modified: 15/03/2011

Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Viscosity	N/A
Explosive properties	N/A
Oxidising properties	N/A

9.2 Other information

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

no unusual reactivity

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

no hazardous reactions known

10.4 Conditions to avoid

Moist Air.

10.5 Incompatible materials

Moist Air.

10.6 Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide.
In combustion emits toxic fumes of carbon monoxide.

SECTION 11: Toxicology information

11.1 Information on toxicology effects

<i>Acute toxicity</i>	no data
<i>Skin corrosion / irritation</i>	no data
<i>Serious eye damage / irritation</i>	no data
<i>Respiratory or skin sensitisation</i>	No sensitizing effect known
<i>Germ cell mutagenicity</i>	no data
<i>Carcinogenicity</i>	not known
<i>Reproductive toxicity</i>	not known
<i>STOT-single exposure</i>	not known
<i>STOT-repeated exposure</i>	not known

Aspiration hazard not known

11.2 Additional Information

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

SECTION 12: Ecological information

12.1 Toxicity

not known

12.2 Persistence and degradability

not known

12.3 Bioaccumulative potential

not known

12.4 Mobility in soil

not known

12.5 Results of PBT and vPvB assessment

not known

12.6 Other adverse effects

not known

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations Consult state, local or national regulations for proper disposal.

Disposal of packaging Disposal must be made according to official regulations.

SECTION 14: Transport information

Air (ICAO)

Not classified as hazardous for transport

Road (ADR)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations

product is not subject to any additional regulations or provisions

15.2 Chemical safety assessment

No Chemical Safety Assessment

SECTION 16: Other information

16 Other information

ADR: Accord Europeen sur le transport des marchandises Dangereuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by road)

RID:Reglement International concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association

ICAO:International Civil Aviation Organization

ICAO-TI: Technical Instructions by the ICAO

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS:Chemical Abstracts Service

Associated risk phrases according to european directive 67/548/EEC

16 Disclaimer

The product listed is for research and development purposes only and not for human or animal use. As such, in most cases, the toxicological, ecological and physicochemical properties have not been fully determined and the product should be treated with respect and always handled under suitable conditions by appropriately qualified personnel. The responsible party shall use this datasheet only in conjunction with other sources of information gathered by them, and should make an independent judgement of suitability, to ensure proper use and protect the health and safety of employees. This information is furnished without warranty and any use of the product not in conformance with this material safety data sheet, or in combination with any other product or process, is the responsibility of the user.