



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Revision Date 16.12.2019

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1 Product identifiers

Product name : MALDI TOFMix Kit

Product Number : SHZ-001

Brand : LaserBio Labs

REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : Laserbio Labs SA, AREP Center, 1 Traverse des Brucs 06560 Valbonne, France

Telephone : +33 (0)9 84 23 77 19

Fax : +33 (0) 4 92 94 01 43

1.4 Emergency telephone number

Emergency Phone # : +33 (0)9 75 18 14 07 (CHEMTREC) +33 (0)1 45 42 59 59 (I.N.R.S.)

This is a summary MSDS for a kit, for the full MSDS for each of the components listed in section 16 please refer to individual MSDS.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flammable liquids (Category 2), H225

Acute toxicity, Oral (Category 4), H302

Acute toxicity, Inhalation (Category 4), H332

Acute toxicity, Dermal (Category 4), H312

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

Skin sensitisation (Category 1), H317

Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008



Pictogram

Signal word Danger

Hazard statement(s)

H225 Highly flammable liquid and vapour.

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/ protective clothing.

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P302 + P352 + P312 IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/doctor if you feel unwell.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements
none

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Refer to component MSDS

SECTION 4: First aid measures

Refer to component MSDS

SECTION 5: Firefighting measures

Refer to component MSDS

SECTION 6: Accidental release measures

Refer to component MSDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

Refer to component MSDS

SECTION 9: Physical and chemical properties

Refer to component MSDS

SECTION 10: Stability and reactivity

Refer to component MSDS

SECTION 11: Toxicological information

Refer to component MSDS

SECTION 12: Ecological information

Refer to component MSDS

SECTION 13: Disposal considerations

Refer to component MSDS

SECTION 14: Transport information

14.1 UN number

ADR/RID: 3316 IMDG: 3316 IATA: 3316

14.2 UN proper shipping name

ADR/RID: CHEMICAL KIT

IMDG: CHEMICAL KIT

IATA: Chemical kit

14.3 Transport hazard class(es)

ADR/RID: 9 IMDG: 9 IATA: 9

14.4 Packaging group

ADR/RID: II IMDG: II IATA: II

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Refer to component MSDS

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Kit Components:

- TOFMix eight peptides MALDI-TOF MS calibration standard
- P14R MALDI-TOF MS Standard
- Glu1-Fibrinopeptide B MALDI-TOF MS Standard
- Cytochrome C MALDI-TOF MS Standard
- Bovine Serum Albumin MALDI-TOF MS Standard
- α -Cyano-4- hydroxycinnamic acid
Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1B; STOT SE 3; H315,H317, H319, H335
- 3,5-Dimethoxy-4-hydroxycinnamic acid
Skin Irrit. 2; Eye Irrit. 2 STOT SE 3; H315, H319,H335
- 2,5-Dihydroxybenzoic acid
Skin Irrit. 2; Eye Irrit. 2; H302,H315,H319,H335
- Acetonitrile/water/0.1% Trifluoroacid solvent
Flam. Liq. 2; Acute Tox. 4; Eye Irrit. 2; H225, H302 + H312 +H332, H319

Further information

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. LaserBio Labs SA shall not be held liable for any damage resulting from handling or from contact with the above product. See www.laserbiolabs.com for additional terms and conditions of sale.

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Kit Components:

TOFMix eight peptides MALDI-TOF MS calibration standard

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

P14R MALDI-TOF MS Standard

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Glu1-Fibrinopeptide B MALDI-TOF MS Standard

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Cytochrome C MALDI-TOF MS Standard

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Bovine Serum Albumin MALDI-TOF MS Standard

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

α -Cyano-4-hydroxycinnamic acid



Warning Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation.

Wear protective gloves. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

3,5-Dimethoxy-4-hydroxycinnamic acid



Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

2,5-Dihydroxybenzoic acid



Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

0.1% Trifluoroacetic acid solution

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Solvent for MALDI MS, 50% ACN + 49.9% H₂O + 0.1 % TFA

Solvent for MALDI MS, 30% ACN + 69.9% H₂O + 0.1 % TFA



Danger Highly flammable liquid and vapour. Harmful if swallowed, in contact with skin or if inhaled. Causes serious eye irritation.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Wear protective gloves/ protective clothing. IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/doctor if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.