

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name: Cytokine ELISA Kit

Catalog Number: K033XXXX

Manufacturer: LABISKOMA

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MSDS#

Component/Item (and Parts number if listed)

Pre-Coated 96 well ELISA microplate

Detection Antibody

Standard Protein (Lyophilized)

Color development Enzyme (Liquid) : Streptavidin-HRP conjugate

Assay Diluting Solution : Blocking reagent in PBS

Color development Reagent : TMB solution

Stop Solution

Wash buffer

Section 2. Hazards Identification

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

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

The product does not need to be labelled in accordance with EC directives or respective national laws.

Other hazards - none

Review approved and the most current institutional guideline, protocol, SOP(s) and MSDS(s) for the proper handling of institutional materials/equipment associated with the use of this BCI product.

Primary Routes of Entry:

Skin Absorption (**No**); Dermal/skin contact (**No**); Eye contact (**No**); Inhalation (**No**); Ingestion (**No**); Chronic Exposure (**No**).

Skin or eye contact from splashes.

Medical Conditions Aggravated by Exposure: Not available.

Potential Acute Health Effects: Adverse health effects are not expected from the recommended use of this product.

Carcinogenic Effects: Not listed by NTP, IARC or OSHA.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Section 3. Composition and Information of Ingredients

TMB substrate - This product contains 3,3',5,5'-Tetramethylbenzidine. Can cause eye and skin irritation. Wash all affected areas with large volumes of water. If swallowed consult your physician immediately. If inhaled remove to fresh air. If necessary, give artificial respiration by mouth-to-mouth.

Stop solution Stop solution (H₂SO₄) is a caustic material. Eye, hand, face, and clothing protection should be worn when handling this material.

Chemical name	IUPAC's name	CAS No.	Conc.(%)
Sulfuric Acid	Sulfuric acid	7664-93-9	<10
TMB	3,3',5,5'-Tetramethyl-4,4'-biphenyldiamine	54827-17-7	0.5
Proclean 300	Mixture of 5-Chloro-2-Methyl-4-Isothiazolin-3-One and 2-Methyl-4-Isothiazolin-3-One	96118-96-6	<0.01

Section 4. First Aid Measures

Skin: Wash exposed skin with mild soap and water. Get medical attention if irritation develops or persists.

Eyes: Immediately flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.

Inhalation: If breathing becomes difficult, move victim to fresh air. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting. If affected person is conscious, give plenty of water to drink. Seek medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product: Not flammable.

Special protective equipment for firefighters: N/A

Flash Points: Non Flammable

Section 6. Accidental Release Measures

Personal precautions Use personal protective equipment

Methods for cleaning up Soak up with inert absorbent material

Section 7. Handling and Storage

Handling No special handling advice required

Storage Keep in properly labelled containers

Section 8. Exposure Controls and Personal Protection

Occupational exposure controls

Exposure limits

Engineering measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment

Hand protection Protective gloves

Eye protection Safety glasses with side-shields

Skin and body protection Lightweight protective clothing

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

Prevent product from entering drains

Section 9. Physical and Chemical Properties

General Information

Form Solid

Important Health Safety and Environmental Information

Boiling point/range °C No data available °F No data available

Melting point/range °C No data available °F No data available

Flash point °C No data available °F No data available

Autoignition temperature °C No data available °F No data available

Oxidizing properties No information available

Water solubility No data available

Section 10. Stability and Reactivity

Stability Stable.

Materials to avoid No information available

Hazardous decomposition products

No information available

Polymerization Hazardous polymerisation does not occur

Section 11. Toxicological Information

Principle Routes of Exposure/ Potential Health effects

Eyes No information available

Skin No information available

Inhalation No information available

Ingestion No information available

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

Section 12. Ecological Information

Ecotoxicity effects No information available.

Mobility No information available.

Biodegradation Inherently biodegradable.

Bioaccumulation Does not bioaccumulate.

Section 13. Disposal Considerations

Dispose of in accordance with local regulations

Section 14. Transport Information

IATA

Proper shipping name Not classified as dangerous in the meaning of transport regulations

Hazard Class No information available

Subsidiary Class No information available

Packing group No information available

UN-No No information available

Section 15. Regulatory Information

This MSDS has been prepared in accordance with domestic laws and regulations.

Section 16. Other Information

Revision Date : 2022-03-05

Revision Note : Not applicable.

Notice to Reader

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N/A - Not applicable or no information available.