

SAFETY DATA SHEET

RENISCHEM L-FABP POC Kit

Version1 Date:1/12/2016

RENISCHEM L-FABP POC Kit

Safety Data Sheet

This SDS document is made for the purpose of describing the details of the components below which are designated as hazardous materials in accordance with Article 18 (3)a of Regulation (EC) 1272/2008 (CLP: Classification Labelling and Packaging)

- **Pre-treatment Micro Tube**

CMIC HOLDINGS Co., Ltd.

SAFETY DATA SHEET

RENISCHEM L-FABP POC Kit

Version1 Date:1/12/2016

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Trade name: Pre-treatment Micro Tube
Use of preparation For In Vitro Diagnostic Use
SYNONYMS: None
Manufacturer: CMIC HOLDINGS Co., Ltd.
Hamamatsucho Bldg.,1-1-1 Shibaua, Minato-ku, Tokyo 105-0023, JAPAN
Emergency information: L-FABP Business Department
Mass Bldg. 2F, 2-16-10 Yushima, Bunkyo-ku, Tokyo 113-0034, JAPAN
TEL PHONE: +81-3-6779-8017 FAX:+81-3-3830-5455 E-mail:l-fabp@cmic.co.jp
Inquiry: <https://www.fabp.jp/132.php>

SECTION 2: HAZARDS IDENTIFICATION

Pre-treatment Micro Tube contains Sodium Dodecyl Sulfate as a preservative (2% w/v respectively).

Information pertaining to special danger for human and environment.

HAZARDOUS COMPONENTS: Sodium Dodecyl Sulfate

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [CLP]:

Flammable solids (Category 2), H228

Acute toxicity, Oral (Category 4), H302

Acute toxicity, Inhalation (Category 4), H332

Skin irritation(Category 2), H315

Serious eye damage (Category 1), H318

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

Chronic aquatic toxicity (Category 3), H412



SIGNAL WORD: Danger

HAZARD STATEMENTS:

H228: Flammable solid.

H302 + 332: Harmful if swallowed or inhaled.

H315: Cause skin irritation.

H318: Cause serious eye damage.

H335: May Cause respiratory irritation.

H412: Harmful to aquatic life with lasting effect.

PRECAUTIONARY STATEMENTS:

P210: Keep away from heat, hot surface.

P261: Avoid breathing dust.

P280: Wear protective gloves/eye protection/face protection

SAFETY DATA SHEET

RENISCHEM L-FABP POC Kit

Version1 Date:1/12/2016

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENT

INGREDIENT:	(1) Detergent (2) Blue Dye
CAS No.:	(1) 151-21-3 (2) None
EC No, .:	(1) 205-788-1 (2) None
% [weight]:	(1) 2% (2) 0.2mg/mL
CHEMICAL NAME:	(1) SDS (Sodium Dodecyl Sulfate) (2) Kayanol Blue
CHEMICAL FAMILY:	(1) Sulfate salt (2) Anthraquinones
CHEMICAL FORMULA:	(1) C ₁₂ H ₂₅ NaO ₄ S (2) Not available

SECTION 4: FIRST AID MEASURES

GENERAL ADVICE:	Wash off immediately with soap and plenty of water. In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit. Use personal protective equipment.
IF INHALED:	Move victim to fresh air. If breathing is difficult, give oxygen. If irritation persists, consult a physician.
IN CASE OF SKIN CONTACT:	Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.
IN CASE OF EYE CONTACT:	Remove any contact lenses at once. Flush eyes well with flooding amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.
IF SWALLOWED:	Rinse mouth, give plenty of water to dilute the substance. Never give anything by mouth to an unconscious person. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical powder, foam, water.
UNSUITABLE EXTINGUISHING MEDIA:	None
HAZARDS COMBUSTION PRODUCTS:	Toxic, irritating dust or smoke may be emitted.
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:	Firemen should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

SAFETY DATA SHEET

RENISCHEM L-FABP POC Kit

Version1 Date:1/12/2016

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising dust and avoid contact with skin and eyes. In case of emergency, evacuate the danger area or to consult an expert.

ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering sewers, watercourses or low areas.

METHODS FOR CLEAN UP: Do not touch spilled material without suitable protection (See section 8). After material is completely picked up, wash the spill site with soap and water and ventilate the area. Put all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose of contaminated clothing.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Handle material with suitable protection.

STORAGE: Store away from sunlight in a cool (2-8 °C=35.6-46.4 °F) well-ventilated dry place. Keep container tightly closed.

INCOMPATIBLE PRODUCTS: Strong oxidizers

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES: Use exhaust ventilation to keep airborne concentrations below exposure limits. Use only with adequate ventilation.

VENTILATION : Local Exhaust; Necessary, Mechanical (General); Necessary Special; Closed system is recommended.

PERSONAL PROTECTION:

- Respiratory protection: NIOSH/MSHA or European Standard EN149 approved respirator
- Hand protection: Chemical resistant gloves
- Eye protection: Safety glasses (goggles)
- Skin protection: Protective clothing

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

CONTROL PARAMETER : (1),(2); OSHA Final Limits: None established
ACGIH TLV(s): None established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties in this section are applied as product itself.

APPEARANCE : Blue colour solid

ODOR : MILD FATTY

SAFETY DATA SHEET

RENISCHEM L-FABP POC Kit

Version1 Date:1/12/2016

pH :	7.4
BOILING POINT :	100 °C (212 °F)
DECOMPOSITION TEMPERATURE:	Not available
EXPLOSIVE LIMITS :	Not available
VAPOR PRESSURE :	Not available
SPECIFIC GRAVITY :	Not available
SOLUBILITY IN ;WATER :	Soluble
log Po/w:	Not available

SECTION 10: STABILITY AND REACTIVITY

Stability and reactivity in this section are applied as product itself.

REACTIVITY :	Not self-reactive mixture
CHEMICAL STABILITY :	The product is stable for 12 months under the recommended storage condition at ambient temperatures of 1 °C to 30 °C.
POSSIBILITY OF HAZARDOUS REACTIONS :	Contact with acid liberates very toxic gas. The toxic hydrogen azide will be formed when it reacts with acid.
CONDITIONS TO AVOID :	Sunlight, heat, open flames, high temperature, sparks, static electrical charge, other ignition sources
INCOMPATIBLE MATERIALS :	Strong oxidizers, acids, heavy metals
HAZARDOUS DECOMPOSITION PRODUCTS :	Nitrogen oxides, sodium oxide, explosive heavy metal azides.

SECTION 11: TOXICOLOGICAL INFORMATION

as Sodium Dodecyl Sulfate:

ACUTE TOXICITY DATA :	Not available as the mixture (1); LD50 (orl, rat) : 1288mg/kg (2); LD50 (orl, rat) : >5000mg/kg
TOXICITY DATA :	Not available as the mixture and components
IRRITATION DATA :	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion.
MUTATION DATA :	Not known significant effects or critical hazards.
REPRODUCTIVE EFFECTS DATA :	Not known significant effects or critical hazards.
TUMORIGENIC DATA :	Not known significant effects or critical hazards.
ADDITIONAL INFORMATION ;	
NTP :	Not listed
IARC :	Not listed
OSHA :	Not listed
ACGIH :	Not listed

SECTION 12: ECOLOGICAL INFORMATION

SAFETY DATA SHEET

RENISCHEM L-FABP POC Kit

Version1 Date:1/12/2016

BIODEGRADABILITY : Not available
BIOACCUMULATION POTENTIAL : Not known significant effects or critical hazards.
AQUATIC TOXICITY : (1); EC50(Selenastrum capricornutum) : 48 hour/hours 104.8 mg/l
(2); Not available
OTHER INFORMATION: The products of degradation are less toxic than the product itself.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHOD: Burn in small portion in a chemical incinerator equipped with an afterburner and scrubber in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environmental agency for specific rules).

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with all regional and local transportation regulations. All components are not dangerous good as regulated by IATA or DOT (Department of Transportation).

ENVIRONMENTAL HAZARDS ACCORDING TO IMDG CODE: Not applicable

SPECIAL PRECAUTIONS FOR USER: Transport under the condition of the temperature at 1 °C - 30 °C and away from direct sunlight. Handling carefully to avoid break of the container by drop or brunt. Make sure that there is no leak from the container and embark it with attention not to rollover, drop, and cargo shift. Embark and transport the products following the precaution statements defined by Ship Safety Act, Aviation Law and other applicable regulations related thereto.

TRANSPORT IN BULK ACCORDING TO Annex II of MARPOL73/78 and the IBC Code : Not applicable.

SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the Regulation (EC) No 1278/2008 (CLP).

SECTION 16: OTHER INFORMATION

No specific notes

The above information is based on our present knowledge. However this shall not constitute a guarantee for any specific product feature and shall not establish legally valid contractual relationship.