

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Salmon Roe Extract (stabilized solution)

INCI: Roe extract, Glycerin

Product Use: Cosmetic ingredient

Supplier: Chanjao Longevity Co., Ltd.

Address: 50 Ramindra 14

Bangkok

Thailand

Telephone: +66 02 002 7 002

Date of Last Revision: November 25, 2015

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Composition: 33% *Salmonidae* roe extract, 28% glycerol, 33% phosphate buffered saline (PBS), 6% water.

CAS Number: Only chemicals with a CAS registry numbers are included: glycerol: 56-81-5, PBS:

7732-18-5 (water), 7647-14-5 (Sodium chloride), 7447-40-7 (Potassium chloride), (7558-79-4) Sodium phosphate dibasic, 7778-77-0 (Dihydrogen potassium phosphate).

SECTION 3 – HAZARDS IDENTIFICATION

Classification of the product: Not a hazardous product 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 contains no substances which, at their given concentration, are considered to be hazardous to health.

Principle Routes of Exposure/Potential Health effects:

Eyes: may cause eye irritation with susceptible persons.

Skin: may cause skin irritation in susceptible persons.

Inhalation: may be harmful by inhalation.

Ingestion: may be harmful if swallowed.

SECTION 4 – FIRST AID AND MEASURES

Eye Contact: Flush eyes with water. Get medical attention if irritation develops.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops.

Inhalation: Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Ingestion: Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Do not induce vomiting without medical advice.

Note to physician: Treat symptomatically.

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SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special hazards arising from the product: Carbon oxides.

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Avoid breathing vapour, mist or gas. Ensure adequate ventilation.

Spill: Use appropriate tools to put the spilled liquid in a convenient waste disposal container. Clean by spreading cold salt water, e.g. 0.9% NaCl, on the contaminated surface and dispose of according to local and regional authority requirements.

SECTION 7 – HANDLING AND STORAGE

Handling: Keep away from heat, and incompatible conditions such as strong oxidizing agents.

Storage: Keep container tightly closed. Store refrigerated or preferentially frozen before addition to formulation with preservative(s).

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas.

Personal Protection: Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance: Liquid

Odour: Weak

Odour Threshold: No data available

Colour: Pale yellow

pH: 6-8

Boiling Point: No data available

Freezing Point: No data available

Specific Gravity: No data available

Vapor Pressure: No data available

Vapor Density: No data available

Volatility: Negligible

Water/Oil Dist. Coeff.: No data available

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Solubility: Soluble in 0.9% NaCl, PBS, most creams, gels, and emulsions (high and low lipid), honey, green soap. Not soluble in distilled water (unless pH adjusted to 8+), alcohol, vaseline, parafinum liquidum, most oils.

Oxidizing properties: No data available

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable at -20 °C, stable at 4 °C up to 2 weeks.

Conditions to Avoid: Incompatible conditions, excess heat.

Materials to avoid: No dangerous reaction known under conditions of normal use.

Incompatibility with Various Substances: Strong oxidizing reagents.

Hazardous decomposition products: None under normal use.

SECTION 11 – TOXICOLOGICAL INFORMATION

Potential Health Effects: Non-hazardous solution.

Skin: No adverse effects of any kind were noted when extract of unfertilized salmon eggs was tested by a RIPT. Pure glycerol/PBS/LEX solution may cause skin irritation in susceptible persons.

Eyes: May cause eye irritation with susceptible persons.

Inhalation: May be harmful by inhalation of vapour or mist.

Ingestion May be harmful if swallowed.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity effects: No information available. There is no documented aquatic toxicity of salmon roe.

Mobility: No information available.

Biodegradation: No information available.

Bioaccumulation: No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with federal, state and local environmental control regulations.

SECTION 14 – TRANSPORT INFORMATION

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

Hazard class: None

Subsidiary Class: None

Packing group: None

UN-No: None

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SECTION 15 – REGULATORY INFORMATION

This data sheet complies with requirements of Regulation (EC) No. 1907/2006.

LEX® is not controlled under REACH.

SECTION 16 – OTHER INFORMATION

Glossary:

RIPT – Repeat Insult Patch Test

REACH - Registration, Evaluation, Authorisation and Restriction of Chemical substances

EC - European Commission

Other Special Considerations: None

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.
