

MATERIAL SAFETY DATA SHEET

Section 1 : Chemical Product & Company Identification

Product Details

Product name : **Ekömul™ MG 95 HP**
 Chemical Name : Mono and diglycerides of vegetable fatty acids
 Uses : Food emulsifier

Company Identification

Manufacturer's Name : Ecolex Sdn. Bhd.
 Address : Lot 11, Section 5, Fasa 2B
 Pulau Indah Industrial Park
 42920 Pulau Indah, Selangor, Malaysia
 Emergency Telephone Number : +603- 3258 3000

Contact Point

Designation : Quality Assurance Department
 Tel. No. : +603- 3258 3000 (EXT: 3132 / 3)

Section 2 : Composition / Information On Ingredients

<u>Chemical Name</u>	<u>Proportion (% by weight)</u>
Mono- and diglycerides E471	100

Section 3 : Physical And Chemical Properties

Appearance : White, bead
 Odor : Neutral to fatty
 Solubility (water) : Practically insoluble in water, but forms emulsion
 Boiling Point : >280°C
 Melting Point : Typically 65°C
 Specific Gravity : 0.92 (70°C)

Section 4 : Hazard Identification

Health hazards : No harmful effects have been identified
 Physical-chemical hazards : None identified
 Environmental hazards : None identified

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Section 5 : First Aid Measures

Ingestion	:	No toxic effects would be expected for accidental ingestion
Eye Contact	:	Flush eyes with clean lukewarm water, low pressure, occasionally lifting lower & upper eyelids. If irritation persists, seek medical help
Skin Contact	:	Wash affected areas thoroughly with water and soap
Inhalation	:	Remove to fresh air

Section 6 : Fire Fighting Measures

Flammability	:	Combustible at high temperature
Extinguishing Media	:	CO ₂ , foam, dry chemical as appropriate for surrounding fire and materials
Fire Fighting Instruction	:	Small Fire: Use DRY chemical Powder LARGE FIRE: Use water spray, fog or foam
Special Hazards	:	None

Section 7 : Accidental Release Measures

Contain spill, sweep & collect for disposal.
 Dispose of in accordance with local, state and federal environmental regulations.

Section 8 : Handling & Storage Procedure

Handling & Storage	:	Store away from heat sources and flame. Keep in a cool and dry place, avoid extreme heat.
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Section 9 : Exposure Control and Personal Protection

General Precaution	:	Handle in accordance with good occupational hygiene and safety practice. Avoid contact with eye and skin
Engineering Measures	:	General Ventilation
Personal Protection	:	Safety glasses and gloves

Section 10 : Stability and Reactivity

Stability	:	Stable under normal conditions
Hazardous Decomposition Products	:	Not to be expected
Hazardous Polymerization	:	Will not occur

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Section 11 : Toxicological Information

Eye or skin contact may cause mild irritation.

No toxic effects are known under normal conditions from inhalation of dust or vapours from this product.

Section 12 : Ecological Information

Based on our knowledge of Ekömul MG 95 HP, it is not to be dangerous to the environment with respect to persistency and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

Section 13 : Disposal Information

Waste disposal method : In accordance with local environmental regulation

Section 14 : Transport Information

Not classified as dangerous for transport.

Section 15 : Regulatory Information

Label Information : Not classified as dangerous

Section 16 : Other Information

Product data sheet is available upon request.

The information and recommendations contained herein are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty of representation in respect of safety in use, suitability, efficacy or otherwise including freedom from patent infringement. User should conduct their own tests to determine the suitability of our product for their own specific purposes and the legal status for their intended use of the product.

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