

MATERIAL SAFETY DATA SHEET

According to 2001/58/EEC

01. PRODUCT AND COMPANY IDENTIFICATION



Al-Rayes Group

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LCM 140110/ 01

EMULSIFIER

Emulsifier & Oil Stain Remover

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02. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS	Weight %
Alkylpolyglucosid	68515 - 73 - 1	10 - 15 %
Castroil ethoxylate	61791 - 12- 6	10 - 15 %
Isobutyl isobutyrate	97 - 85 - 8	10 - 15 %
R O water	7732 - 18- 5	25 - 55 %

03. HAZARDS IDENTIFICATION

Potential Acute Health Effects	Harmful if swallowed. May cause irritation of the digest tract. Irritant in case of eye contact.
Specific hazards	Persons with pre-existing skin disorders may be susceptible to irritating effects.

04. FIRST AID MEASURES

Inhalation	If inhaled, move to fresh air.
Skin contact	Wash with water and soap.
Eye contact	Immediately rinse with plenty of water for a prolonged period, (at least 15 minutes) whilst keeping the eyes wide open.
Ingestion	Rinse mouth out with water.

05. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate to surrounding fire
Specific hazard	Non flammable, it does not present any particular risk on the event of fire.
Flash point	Above 230°C
Boiling point	Above 98°C

06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective equipment
Spill	Do NOT discharge into drains or rivers.

07. HANDLING AND STORAGE

Usage Precautions	Do not ingest. Wear suitable protective clothing. Avoid contact with skin and eyes
Storage	Stable under normal storage conditions. Keep in the original container on a cool ventilated place. Container must be closed after usage. Store in a cool dry place.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Use Eye fountain, Safety shower and Collective emergency equipment
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09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
pH	8.0 - 9.0

10. STABILITY AND REACTIVITY DATA

Stability	Stable under normal conditions of use. Avoid temperatures below 35°F
Incompatibility	Reacts with strong oxidizing agents
Hazardous Decomposition products	Fire or mixing with incompatible materials may produce oxides of carbon and other toxic or irritating fumes.
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: None known. No reportable carcinogens, Sensitizers, synergistic materials, teratogens, or reproductive toxins.

12. ECOLOGICAL INFORMATION

Biodegradability: Biodegradable and does not bio-accumulate.
Effects on the aquatic Environment: Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Discharge or dispose off in accordance with the national, state or local laws. Discharging waste into rivers and drains is forbidden.

Contaminated Packing: Cleaning is required prior to disposal. Recycle following cleaning or dispose of at an authorized site.

14. TRANSPORT INFORMATION

Land (ADR/RID)	Not Restricted
Sea (IMO/IMDG)	Not Restricted
Air (ICAO-IATA)	Not Restricted

15. REGULATORY INFORMATION

Mandatory labeling (self-classification) of hazardous substances applicable.

Classification/Symbols



R phrases: :R36/38: Irritating to eyes and skin

S phrases: 26: In case of contact with eyes, rinse with plenty of water and seek medical advice

16. OTHER INFORMATION

Caution: For manufacturing, processing or repacking by trained personnel

The information contained in this document is true and reliable and is given in good faith based on our current knowledge. The customers may satisfy themselves (by appropriate testing if necessary) that the product is suitable for their purposes and conditions of use and ensure compliance with local legislation. Users are requested to check that they are in possession of the latest version of this document and we are at their disposal to supply any additional information.