



DESCRIPTION

OIL & GREASE REMOVER is an advanced mixture of biodegradable raw materials and a light aromatic solvent. It effectively removes all kinds and types of oil, grease, fat and light carbonaceous deposits from metal, plastic and rubber surfaces and parts. Acts quickly and thoroughly, and it can be effectively combined with a broad range of products. It is also applicable to plastic, rubber, epoxy and zinc compounds, as well as to painted, coated and varnished surfaces.

ADVANTAGES AND CHARACTERISTICS

- ◆ Consists of water-based raw materials.
 - ◆ Effectively removes all kinds and types of oil, grease, fat and light carbonaceous deposits from metal, plastic and rubber surfaces and parts.
 - ◆ Acts quickly and thoroughly.
 - ◆ Non-corrosive, non-toxic, non-chlorinated product.
 - ◆ Can be used efficiently as cleaning agent for engine rooms, decks, cargo holds and tanks.
 - ◆ Applicable to plastic, rubber, epoxy and zinc compounds as well as to painted coated and varnished surfaces.
 - ◆ Can be combined with a broad range of products.
 - ◆ Readily biodegradable.
 - ◆ Cost effective, easy to apply and use.
- **According to MARPOL 73/78** chemical tankers are only permitted to use tank cleaning agents, which had been approved and evaluated by the International Maritime Organisation (IMO).
- **OIL & GREASE REMOVER** was evaluated in accordance with MEPC.1/Circ. 590 through IMO's Working Group on the Evaluation of Safety and Pollution Hazards of Chemicals (ESPH Working Group) and found to meet the requirements of regulation 13.5.2 of Annex II of MARPOL 73/78.
- **OIL & GREASE REMOVER** is not harmful to the marine environment as per MARPOL MEPC 63 Annex V Amendment [MEPC. 71/17/Add.1 Annex 21, Resolution MEPC 295 (71)].

PHYSICAL PROPERTIES

OIL & GREASE REMOVER is a liquid solution that contains aromatic solvent, non-ionic, surface-active agents and biodegradable, water-based raw materials.

Appearance/Color	: Light yellow liquid
Specific gravity	: 0.97 - 1.01 gr/cm ³ at 20°C
pH value	: 10.5 - 11.5
Odor	: Slight Aromatic
Stability	: Very Stable

PACKAGING

Order Number	: 832521 (25 ltrs), 832121 (210 ltrs)
Container	: Steel drum

APPLICATION AND USE

A. Dosing Procedure

OIL AND GREASE REMOVER may be applied concentrated or diluted with water. The quantity to be used is proportional to the degree of contamination, the available downtime, the surface area to be covered and the desired degree of cleaning. Therefore, the user is the one to consider the necessary quantity. For heavy duty cleaning and degreasing, **OIL & GREASE REMOVER** can be used undiluted whereas for lighter contamination can be used diluted with water depending on the degree and nature of the contamination.

B. Cleaning Procedure

Once the quantity has been determined, apply using any of the following methods: brushing and soaking/immersion.

Brushing is applicable to situations with light accumulation, large and small surface areas and highly contaminated parts or engine components.

Soaking/Immersion is used in situations where we deal with dismantled parts, articles and engine components. Here, brushing may be applied in coordination with immersion to remove heavy accumulation.

- **After** the application, no matter which method is used, leave the solution to soak for as long as necessary and rinse with fresh water (in some cases, a high pressure water supply is recommended).



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! SAFETY AND HANDLING

HANDLING	Handle with care. Store in a dry, cool and well ventilated environment.
SAFETY	IMMEDIATE ACTIONS
Eye Contact	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
Skin Contact	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
Inhalation	Do not breathe gas/vapour. In case of insufficient ventilation, wear suitable respiratory equipment. Otherwise, seek fresh air source at once and ask for medical attention immediately.
If Swallowed	Avoid ingestion. If swallowed, do not induce vomiting; seek medical advice immediately and show the label of the product.
GENERAL INSTRUCTIONS	Avoid spillage, splashing and mishandling. Wear suitable protective clothing, gloves and eye/face protection before using the product.

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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