

MACJAMES® MMLD-06 - MULTIPURPOSE LIQUID DETERGENT PRODUCT TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

INNOVATIVE FEATURES

- **All purpose**
- **Cleanses and deodorizes**
- **Cleanses oil and grime**
- **Contains anti-depository agent**
- **Easily rinsed off**
- **Non-toxic**
- **Retains Colours**
- **Safe on substrates**
- **Biodegradable**
- **Friendly pH**
- **Very High foaming**
- **High Viscosity**
- **Non-acidic**
- **Non-flammable**
- **Non-solvent based**
- **Non-corrosive**

MACJAMES® MMLD-06 - MULTIPURPOSE LIQUID DETERGENT

(DPR/HSE.04/003.700/2019/003 and NAFDAC Reg No.: 02-8178L and ISO 9001:2015 Cert. No.: N1683535) is a surface active environmentally friendly multi-purpose liquid detergent (containing ionic and non-ionic surfactants) and other additives for its general-purpose washing use in laundry, kitchen dish wash, offshore and onshore housekeeping/cleaning, hand wash, carwash, toilets, steam washing, power washing, all floor types and coverings, and machines, light cleaning for vessels and storage tanks, silos, etc. Does not affect physical properties of substrates and is not poisonous. It is blendable with solvent, disinfectant, salt /fresh and hard/soft water. It has anti-depository agent and easily washed off. Safe for general health and biodegradable.

PACKAGING SIZES: 12 x 1 Litres : 4 x 4 Litres : 20 Litres : 25 Litres : 200 Litres : IBC Tank (1000 Litres)

APPLICATION INFORMATION

MACJAMES® MMLD-06 - MULTIPURPOSE LIQUID DETERGENT is used in oilfield, industrial and household washing and light cleaning. It is satisfactory for all floor types and coverings, offshore and onshore house cleaning, laundry, dish wash, hand wash, carwash, toilets, and other like soiled surfaces and substrates.

DIRECTIONS

- ✓ Use on washables substrates or materials.
- ✓ Add to water until it forms lather for proper washing and cleaning, assuming washing water is not pure.
- ✓ Apply on material or substrate by soaking, washing, scrubbing, etc .
- ✓ Rinse with clean water until foam is completely removed.

PRECAUTIONS

This product is non-toxic for general health but commonsense precautions are recommended.

- KEEP AWAY FROM CHILDREN
- Do not drink.
- Avoid contact with eyes, otherwise flush with plenty water.
- If swallowed, drink much water and see a doctor.

DILUTION RATIOS

HEAVY OIL AND SOIL: Use 1:5 parts of water solution for heavy oily and sooty wash off.

LIGHT WASHING AND CLEANING: Use 1:10 parts water to 1: 30 parts water solution for light washing and mopping.

GENERAL WASHING AND CLEANING: Use diluted solution according to soil/dirt level and nature for effective action.

PHYSICAL PROPERTIES			
Appearance:	Light Blue	Foaming Tendency:	Very High
Odour:	Lemon-apple	Concentration Monitoring Techniques:	Titration
Specific Gravity (H₂O = 1)	1.09	Water solubility:	Complete
Viscosity:	High	Rinsability:	Excellent
pH:	7.0 - 8.0	Flash Point:	none
Freezing Point:	Below 0°C	Boiling Point:	Above 100 °C

NB: The Material Safety Data Sheet (MSDS) of **MACJAMES® MMLD-06 - MULTIPURPOSE LIQUID DETERGENT** is readily available for more information or contact us at info@macjamesglobal.com.

P.S:

2012: Won Federal Government of Nigeria Youth Enterprise with Innovation in Nigeria National award.

2013: Approved by NAFDAC (NAFDAC REG. NO. 02-8178L).

2015: Approved by Department of Petroleum Resources (DPR) - DPR/HSE.04/003.700/2019/003



NON-WARRANTY – All data, statements and recommendations contained herein are based upon the best information available and are believed to be reliable. However, no warranty, either expressed or implied, is made concern-ing the application of this product since the customer's use cannot be controlled directly by Macjames.

