

Material Safety Data Sheet

Section 1 Product identification and use

Product name **X-TRACT OIL EMULSIFIER**

Product use PRE-WASH GREASE REMOVER

Supplier/manufacturer's name
L.T.M. LEBANESE TEXTILE MILLS

Address
BLDG.27,ST.ELIAS STREET #82
MKALLES
LEBANON
E2R 1A6

Phone number (506) 633-1800

Emergency telephone number (613) 996-6666

Section 2 WHMIS classification

B3
D2B



Transport Regulation

Non regulated

class UN group

Section 3 Hazardous ingredients

Ingredients	CAS number	LD 50	LC 50	%
Nonoxynol	9016-45-9	2590 mg/Kg (oral, rat)	N.A.	60-100
Ethylene glycol	107-21-1	4700 mg/Kg (oral, rat)	N.A.	5-10
Isopropanol	67-63-0	5045 mg/Kg (oral, rat)	12000 ppm/8hrs (inhalation, rat) TLV=400ppm	3-7

Section 4 Physical data

Physical state Liquid	Odour Characteristic	Appearance Clear	Colour None
Solubility (water) Forms emulsion	Vapour density (air=1) N.A.	Boiling point (°C) N.A.	Freezing point (°C) N.A.
pH (20°C) N.Ap.	Specific gravity/density (g/cc)(20°C) 1.030-1.050	Viscosity (20°C) 100-300 cps	Melting point (°C) N.Ap.

Section 5 Fire and explosion data

Lower flammable limit (%/volume) N.A.	Upper flammable limit (%/volume) N.A.	Autoignition temperature (°C) N.A.	Flashpoint (°C) 48°C (closed cup)
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Flammability
Combustible.

Extinguishing media
Water fog, CO2, dry powder, foam.

Hazardous combustion products
Oxides of carbon.

Special fire fighting procedures
In case of fire, use recommended safety equipment including a self contained breathing apparatus.

Special precautions
None.

Section 6 Reactivity data

Stability

Stable.

Hazardous polymerization

Will not occur.

Incompatibility

Strong oxidizing agents, strong acids and strong alkalis at elevated temperatures.

Reactivity

Not very reactive.

Hazardous decomposition products

Oxides of carbon on combustion.

Section 7 Toxicological properties

Eye contact

May cause irritation.

Skin contact

May cause irritation.

Inhalation

May cause irritation to nose.

Ingestion

May be harmful if ingested.

Effects of chronic exposure

As above.

LD50 for product (calculated)

3052 mg/Kg (oral, rat)

LC50 for product (calculated)

N.A.

Other toxic effects

May cause birth defects in laboratory animals.

Section 8 Preventive measures

Protective equipment

HANDS: Wear impervious gloves.

EYES: Wear safety glasses with side shields.

RESPIRATORY APPARATUS: Not required in well ventilated areas.

Engineering controls

Normal ventilation.

Leak and spill procedures

Absorb with an inert absorbing material and collect into identified containers. Wash residue with plenty of water.

Waste disposal

Dispose in accordance with environmental regulations.

Storage requirements

Keep containers closed in a cool dry place away from incompatible materials, heat, open flame and all ignition sources.

Section 9 First aid measures

Eye Flush affected eye with water for at least 15 minutes holding eyelid open. Obtain medical attention IMMEDIATELY.

Skin Wash with soap and water. Remove contaminated clothing under running water.

Inhalation Remove to fresh air.

Ingestion Do not induce vomiting. Drink plenty of water. Obtain medical attention IMMEDIATELY.

General recommendations

Do not breathe vapour or spray mist. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not ingest.

Section 10 Informations on MSDS preparation

Preparation or last revision of this document by the Technical Department: 08/01/2000

Abbreviations used : N.A. = Not available N.Ap.= Not applicable

The above information is intended to describe our product in respect to safety and handling requirements only. We have attempted to be complete and correct; however, liability for any damage or injury is hereby declined since condition of use and utilization of the product are beyond our control. Observance of all legal requirements is the responsibility of the user.

