

# Material Safety Data Sheet

## Section 1 Product identification and use

Product name **SUPRA**

Product use DISHMATIC DETERGENT

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

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

Phone number

Emergency telephone number

## Section 2 WHMIS classification

**E**  
**D2B**



## Transport Regulation

Alkali Liquids, N.O.S.\* (Potassium Hydroxide, Sodium Hypochlorite)

## Section 3 Hazardous ingredients

| Ingredients         | CAS number | LD 50 | LC 50 | %    |
|---------------------|------------|-------|-------|------|
| Potassium Hydroxide | 1310-58-3  |       | N.A.  | 7-10 |
| Sodium Hypochlorite | 7681-52-9  |       | N.A.  | 1-5  |

## Section 4 Physical data

|                           |  |                           |                            |
|---------------------------|--|---------------------------|----------------------------|
| <b>Physical state</b>     | <b>Odour</b>                                 | <b>Appearance</b>         | <b>Colour</b>              |
| Liquid                    | Chlorine                                     | N.A.                      | Yellow                     |
| <b>Solubility (water)</b> | <b>Vapour density (air=1)</b>                | <b>Boiling point (°C)</b> | <b>Freezing point (°C)</b> |
| Miscible                  | N.A.   | N.A.                      | N.A.                       |
| <b>pH (20°C)</b>          | <b>Specific gravity/density (g/cc)(20°C)</b> | <b>Viscosity (20°C)</b>   | <b>Melting point (°C)</b>  |
| 13                        | 1.25   | N.A.                      | N.A.                       |

## Section 5 Fire and explosion data

|   |   |                                      |                        |
|---|---|--------------------------------------|------------------------|
| <b>Lower flammable limit (%/volume)</b> | <b>Upper flammable limit (%/volume)</b> | <b>Autoignition temperature (°C)</b> | <b>Flashpoint (°C)</b> |
| N.Ap.                                   | N.Ap.                                   | N.Ap.                                | N.Ap.                  |

**Flammability**  
Non-flammable.

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

**Hazardous combustion products**  
Oxides of nitrogen.

**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 acids, soft metals.

### Reactivity

.

### Hazardous decomposition products

## Section 7 Toxicological properties

### Eye contact

May cause burns.

### Skin contact

May cause burns.

### Inhalation

Mist or spray may cause severe irritation to the upper-respiratory tract.

### Ingestion

Will cause severe damage to throat and gastro-respiratory tract.

### Effects of chronic exposure

As above.

### LD50 for product (calculated)

N.A.

### LC50 for product (calculated)

N.A.

### Other toxic effects

## Section 8 Preventive measures

### Protective equipment

HANDS: Wear Neoprene or rubber gloves.

EYES: Wear safety glasses with side shields.

RESPIRATORY APPARATUS: Not required.

**Engineering controls**

Normal ventilation.

**Leak and spill procedures**

Contain spill. Neutralize with dilute acid. Absorb with an inert absorbing material and collect into adequate containers. Flush residues 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.

**Section 9 First aid measures**

**Eye** Flush affected eye with water for at least 30 minutes holding eyelid open. Obtain medical attention IMMEDIATELY.

**Skin** Immediately flush with water for at least 15 minutes. Remove contaminated clothing under running water.

**Inhalation** Remove to fresh air.

**Ingestion** Do not induce vomiting. If conscious, have victim drink plenty of milk or water. Obtain medical attention IMMEDIATELY. Never give anything by mouth to an unconscious person.

**General recommendations**

Avoid contact with eyes, skin and clothing.

**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.