

MATERIAL SAFETY DATA SHEET

1) IDENTIFICATION OF PREPARATION/COMPANY

| | |
|---|--|
| CALCIUM HARDNESS TABLETS Bottle 50519 Foil 51519 | |
| The Tintometer Limited Waterloo Road Salisbury SP1 2JY | Tel : 01722 327242 Fax : 01722 412322 |

2) COMPOSITION/INFORMATION & INGREDIENTS

A tableted reagent containing the following hazardous component:-

| COMPONENT | IDENTIFICATION NUMBERS | CONC ^N % | LD ₅₀ (Oral rat mg/kg) | HAZARD GROUP | R CODES |
|-------------------|-------------------------------|------------------------|--------------------------------------|--------------|---------|
| Lithium Hydroxide | CAS 1310-66-3 EC 215-183-4 | <12 | - | Corrosive | R35 |

Weight of single tablet:- about 0.1g. Packed individually in foils (51519) or in bottles of 250 (50519)

3) HAZARD IDENTIFICATION

The tablets are classified as corrosive and may cause burns to skin and eyes.

4) FIRST AID MEASURES

Eyes:- Irrigate thoroughly with water. If discomfort persists, obtain medical attention.

Skin :- Wash with plenty of water.

Ingestion :- Wash out mouth thoroughly with water. If possible give water to drink. In severe cases, or if you feel unwell, obtain medical attention. (Show this sheet).

5) FIRE FIGHTING MEASURES

Water and all types of extinguishers may be used.

6) ACCIDENTAL RELEASE MEASURES

Sweep up and wash away with plenty of water.

7) **HANDLING & STORAGE**

Use only as instructed in the test method. For chemical testing only. **NOT TO BE TAKEN.**
Store in original container. Keep cool and dry. **KEEP AWAY FROM CHILDREN.**

8) **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Avoid handling the tablets where possible to maintain analytical purity. Wash hands after contact. The use of thin disposable gloves and eye protection are recommended.

9) **PHYSICAL & CHEMICAL PROPERTIES**

Appearance : Beige coloured tablets
Odour : none
pH (5 tablets/50 ml water) : >12
Solubility : Disperse readily in water. The tablets contain insoluble components.

10) **STABILITY & REACTIVITY**

No known hazardous reactions. No known hazardous decomposition products.

11) **TOXICOLOGICAL INFORMATION**

The tablets are corrosive, due to the lithium hydroxide content, and may cause burns or irritation to skin and eyes etc.

12) **ECOLOGICAL INFORMATION**

In the small quantities associated with the correct use of these tablets there is no hazard to the environment. In larger quantities they should be considered as slightly polluting (German classification of water pollution - 1)

13) **DISPOSAL CONSIDERATIONS**

Minor spillages and wastes can be swept up and washed away with water. Larger quantities should be retained and removal arranged by a registered disposal company.

14) **TRANSPORT INFORMATION**

Not regulated.

15) **REGULATORY INFORMATION**



R35 Causes severe burns
S25 Avoid contact with eyes
S28 After contact with skin, wash with plenty of water.
Contains lithium hydroxide.

The information contained in this sheet does not constitute the users own assessment of workplace risk.

16) **OTHER INFORMATION**

These tablets are only to be used one at a time, for water testing purposes.

Date of issue : 15th March 1993

Revised : 15th May 2000