



SAFETY DATA SHEET

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: **La Motte Calcium Hardness Tablet**
Datasheet Number: SP778 1. 0. 0
Product Part Number: SP778
Chemical Name: Murexide/Lithium Hydroxide

1.2 Relevant identified uses of the substance or mixture and uses advised against

Pool / spa treatment

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Total Pool Chemicals Ltd
Address of Supplier: Unit 1, Pool Bank Business Park
High Street, Tarvin
Chester CH3 8JH
UK
Telephone: +44 (0)1829 740290
Fax: +44 (0)1829 741855
Responsible Person: Steve Carder
Email: sales@totalpool.co.uk

1.4 Emergency telephone number

+44 (0)1829 740290 (Office Hours)

2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Eye Irrit. 2, H319
- Skin Irrit. 2, H315
- Classification (67/548/EEC, 1999/45/EC)
- Xi; R36/38

2.2 Label elements



- Signal Word: Warning
- Symbols: GHS07

Hazard phrases

- Causes serious eye irritation.
- Causes skin irritation.

Precautionary Phrases

- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to



2 Hazards identification (....)

do. Continue rinsing.

- If eye irritation persists: Get medical advice/attention.
- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.

2.3 Other hazards

- The ingestion of significant quantities may cause gastro-intestinal disturbances

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols	Index No.
Murexide	<1%	3051-09-0	221-266-6			
Lithium hydroxide, anhydrous	10%	1310-65-2	215-183-4	R34, R22 H314, H302	C, Xn GHS05, GHS07	

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN: Gently wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Get medical advice/attention if you feel unwell.
- IF INHALED: Remove to fresh air. Oxygen or artificial respiration if needed. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

- May cause irritation

4.3 Indication of immediate medical attention and special treatment needed

5 Fire-fighting measures

5.1 Extinguishing media

- This product is not flammable
- Use personal protective equipment

5.2 Special hazards arising from the substance or mixture

- Gives off irritating or toxic fumes (or gases) in a fire.

5.3 Advice for firefighters

- Wear protective clothing as per section 8

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid raising dust
- Use personal protective equipment



6 Accidental release measures (....)

6 .2 Environmental Precautions

- No special requirements

6 .3 Methods and material for containment and cleaning up

- Dissolve in a large volume of water
- Neutralise with Acid
- Wash to waste with plenty of water

6 .4 Reference to other sections

- See Section 7 & 8

7 Handling and storage

7 .1 Precautions for safe handling

- Keep out of reach of children.

7 .2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place

7 .3 Specific end use(s)

- No information available

8 Exposure controls/personal protection

8 .1 Control parameters

Lithium hydroxide, anhydrous

- WEL (short term) 1 mg/m³

8 .2 Exposure controls

- Engineering controls should be provided to prevent the need for ventilation

Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (plastic are recommended)



Gloves



Goggles



Suit

9 Physical and chemical properties

9 .1 Information on basic physical and chemical properties

- Odour: None
- Appearance: pink, tablets
- pH 12
- Vapour pressure - not applicable
- Vapour density - not applicable
- Melting point - not known
- Completely soluble in water
- Fat solubility - not applicable
- Non-combustible solid
- Auto-ignition point - not applicable
- Non-explosive



9 Physical and chemical properties (....)

- Log Pow - not known
- Evaporation rate - not applicable
- Viscosity - not known

9 .2 Other information

10 Stability and reactivity

10 .1 Reactivity

- No information available

10 .2 Chemical stability

- No information available

10 .3 Possibility of hazardous reactions

- No information available

10 .4 Conditions to avoid

- Keep away from heat and moisture

10 .5 Incompatible materials

- Incompatible with acid

10 .6 Hazardous Decomposition Products

- None

11 Toxicological information

11 .1 Information on toxicological effects

- No information available

Inhalation

- No information available

Contact with skin

- Causes irritation

Contact with eyes

- Causes redness and irritation

Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances

Carcinogenicity

- No information available

Teratogenicity

- No information available

Mutagenicity

- No information available

12 Ecological information

12 .1 Toxicity

- No information available



12 Ecological information (....)

- 12 .2 Persistence and degradability
 - No information available
- 12 .3 Bioaccumulation Potential
 - No information available
- 12 .4 Mobility in soil
 - No information available
- 12 .5 Results of PBT and vPvB assessment
 - Not a PBT according to REACH Annex XIII
- 12 .6 Other Adverse Effects
 - Presents little or no hazard to the aquatic environment

13 Disposal considerations

- 13 .1 Waste treatment methods
 - Disposal should be in accordance with local, state or national legislation

Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)

14 Transport information

- 14.1 UN Number
3262
- 14.2 UN Proper Shipping Name
CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Lithium Hydroxide Mixture)
- 14.3 Transport hazard class(es)
- 14.4 Packing group
III
- 14 .5 Environmental hazards
 - Presents little or no hazard to the environment
- 14 .6 Special precautions for user
 - No special precautions are required for this product
- 14 .7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
 - Not applicable

Other information

Road/Rail (ADR/RID)

Proper Shipping Name:	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Lithium Hydroxide Mixture)		
ADR UN No.:	3262		
ADR Hazard Class:	8	ADR Packing Group:	III
Tunnel Code:	E		

Sea (IMDG)

Proper Shipping Name:	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Lithium Hydroxide Mixture)		
IMDG UN No.:	3262		
IMDG Hazard Class.:	8	IMDG Pack Group.:	III



14 Transport information (....)

Air (ICAO/IATA)

Proper Shipping Name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Lithium Hydroxide Mixture)

ICAO Un No.: 3262

ICAO Hazard Class.: 8 ICAO Packing Group.: III

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- The List of Wastes (England) Regulations 2005 apply in the UK
- Not hazardous according to current CPL Regulations

15.2 Chemical Safety Assessment

16 Other information

Text of R and S phrase codes used in this safety data sheet:- H302: Harmful if swallowed.; H314: Causes severe skin burns and eye damage.; R22: Harmful if swallowed; R34: Causes burns.

The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.