



SECTION 1 - IDENTIFICATION OF PREPARATION AND COMPANY

| | | | |
|------------------------|--|---------------------|-----|
| PRODUCT | Hardness Yes/No Tablets | | |
| APPLICATION | For Water Testing Applications Only | PRODUCT CODE | 101 |
| COMPANY DETAILS | Palintest Ltd, Palintest House, Team Valley, Gateshead, Tyne & Wear, NE11 0NS, England. Telephone: 0191 491 0808 Fax: 0191 482 5372 | | |

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

| (Declarable ingredients) | | | | |
|-------------------------------|----------------|-----------|-----------|-----------------------------------|
| Substance | Amount (% w/w) | CAS No. | EC No. | Symbol-Letter(s) and Risk Phrases |
| Lithium Hydroxide Monohydrate | <5 | 1310-66-3 | 215-183-4 | C, R22, R35. |

SECTION 3 - HAZARD IDENTIFICATION

| | |
|--------------------|--|
| Fire | This preparation is not flammable. |
| Health | Minimal hazard during normal handling and use as instructed. |
| Environment | No hazards reported, but data limited. |

SECTION 4 - FIRST AID MEASURES

| | |
|-----------------------------|--|
| Eye/Skin Contact | Wash with plenty of water. Seek medical attention if irritation occurs. |
| Inhalation | Preparation is in tablet form and is therefore not an inhalation hazard. |
| Ingestion | Give plenty of water to drink. Seek medical attention. |
| Symptoms of Exposure | Unknown. |
| Advice to Physicians | |

SECTION 5 - FIRE FIGHTING MEASURES

| | |
|--|---|
| Extinguishing Media | Product is not flammable. All extinguisher types may be used. |
| Special Fire-Fighting Precautions | None. |

SECTION 6 - ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|---|
| Personal Precautions | Avoid handling preparation. |
| Environmental Precautions | Prevent large quantities of material from entering watercourses. |
| Clean-up Methods | Sweep up and dispose of material. Wash area with plenty of water. |

**SECTION 7 - HANDLING AND STORAGE MEASURES**

| | |
|-----------------|---|
| Handling | Avoid handling preparation. Use only as instructed. |
| Storage | Store in original container. Keep dry. Keep away from children and animals. |

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

| | | | |
|-----------------------------|---------------|-------------------------------|---------------|
| Engineering Controls | None Required | Eye Protection | None Required |
| Hand Protection | None Required | Respiratory protection | None Required |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------------------|---|--------------------------------|---------|
| Appearance, Colour and Odour | Off-white tablets with no odour. | | |
| Solubility in Water | Exact Solubility unknown, however one tablet will dissolve completely in 10ml water. | | |
| pH | Exact pH unknown, however one tablet dissolved in 10ml water results in an alkaline solution. | | |
| Melting Point (°C) | Unknown | Boiling Point (°C) | Unknown |
| Flash Point (°C) | Unknown | Auto Ignition Temp (°C) | Unknown |
| Other Information | | | |

SECTION 10 - STABILITY AND REACTIVITY

| | |
|---|---|
| Conditions to Avoid | Exposure of reagent packs to heat and moisture. |
| Materials to Avoid | Unknown. |
| Hazardous Decomposition Products | Unknown. |

SECTION 11 - TOXICOLOGICAL INFORMATION

| | | | |
|------------------------|---------------------------------------|---------------------|-------------------------|
| Inhalation | Irritating to the respiratory system. | Ingestion | Unknown |
| Eye Contact | Irritating to the eyes. | Skin Contact | Irritating to the skin. |
| Chronic Effects | Unknown. | Other | Unknown. |

SECTION 12 - ECOLOGICAL INFORMATION

| | | | |
|-------------------------|----------|------------------------|----------|
| Acute Toxicity | Unknown. | Degradation | Unknown. |
| Mobility in Soil | Unknown. | Bioaccumulation | Unknown. |

SECTION 13 - DISPOSAL CONSIDERATIONS

| | |
|------------------|--|
| Waste | Dispose of used test solutions in accordance with local regulations. |
| Packaging | Consider recycling of cardboard and paper. All packaging can be disposed of as standard refuse for landfill or incineration. |



SECTION 14 - TRANSPORT INFORMATION

| | | | |
|-----------------------------|---|------------------------|-----|
| Proper Shipping Name | Not classified under UN transport regulations | | |
| UN Number | N/A | UN Class Number | N/A |
| UN Packing Group | N/A | Danger Labels | N/A |

SECTION 15 - REGULATORY INFORMATION

| | | | |
|-----------------------|------------|-----------------------|---------|
| Classification | Irritant. | Risk Symbols | Xi. |
| Risk Phrases | R36/37/38. | Safety Phrases | S24/25. |

SECTION 16 - OTHER INFORMATION

| | |
|---|--|
| Risk Phrase Index | R22 = Harmful if swallowed. R35 = Causes severe burns. R36/37/38 = Irritating to the eyes, respiratory system and skin. |
| Safety Phrase Index | S24/25 = Avoid contact with skin and eyes. |
| Restrictions | The preparation referred to in this sheet is for use in Palintest water testing systems only. |
| Revision Date | 31 May 2002 |
| Changes in this Version | Revised to ensure compliance with CHIP 2002 regulations. |
| Sources of Data used in Compilation of Sheet | Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. |
| Statement | This safety data sheet was prepared in compliance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. |
| Disclaimer | <p>The above information is intended to give general health and safety guidance on the storage and transport of the preparation to which it relates. It is not intended to apply to the use of the preparation – for this purpose the relevant product labels and instruction documentation should be observed along with any recommendations arising from any risk assessment involving the preparation.</p> <p>This sheet is not intended to be a definitive source of advice, although it is believed to be correct at time of publication.</p> |
| Alternative Contacts in case of Emergency | National Poisons Unit, New Cross Hospital, London Tel: 0207 635 9191 |