SAFETY DATA SHEET

HARDICOL NO. 1 TABLETS

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name
HARDICOL NO. 1 TABLETS

Company
Palintest Ltd
Kingsway
Team Valley
Gateshead
Tyne and Wear
NE11 0NS
United Kingdom
palintest@palintest.com

Telephone
+44 (0)191 491 0808

Fax
+44 (0)191 482 5372

Revision 3
Revision date 6-Mar-2008

2. HAZARDS IDENTIFICATION.

Main hazards
Harmful if swallowed. Irritating to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

<table>
<thead>
<tr>
<th>Hazardous ingredients</th>
<th>Conc.</th>
<th>CAS</th>
<th>EINECS</th>
<th>Symbols/Risk phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boric acid</td>
<td>10-20%</td>
<td>10043-35-3</td>
<td>233-139-2</td>
<td>C; R34 Xn; R20/22</td>
</tr>
<tr>
<td>Lithium hydroxide monohydrate</td>
<td>1-10%</td>
<td>1310-66-3</td>
<td>215-183-4</td>
<td>Xi; R36</td>
</tr>
<tr>
<td>Potassium chloride</td>
<td>40-50%</td>
<td>7447-40-7</td>
<td>231-211-8</td>
<td>Xi; R36</td>
</tr>
<tr>
<td>EDTA magnesium, disodium salt</td>
<td>1-10%</td>
<td>14402-88-1</td>
<td></td>
<td>Xi; R37</td>
</tr>
<tr>
<td>Leucine.</td>
<td>1-10%</td>
<td>61-90-5</td>
<td>200-255-0</td>
<td></td>
</tr>
<tr>
<td>Ammonium chloride</td>
<td>30-40%</td>
<td>12125-02-9</td>
<td>235-186-4</td>
<td>Xn; R22 Xi; R36</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Skin contact
No irritation expected. Wash with water.

Eye contact
May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation
Considered to be not hazardous by inhalation.

Ingestion
Harmful if swallowed. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Extinguishing media
Use extinguishing media appropriate to the surrounding fire conditions.

Fire hazards
This product is not flammable.

Protective equipment
In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Ensure adequate ventilation of the working area.

Environmental precautions
No environmental requirements.

Clean up methods
Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling
No precautions required to be mentioned.

Storage
Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures
Ensure adequate ventilation of the working area.

Hand protection
Wash hands after handling the product.

Eye protection
Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description
Tablet.

Colour
White.

Odour
Odourless.

Water solubility
Soluble in water.

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Toxicological information
No data is available on this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No data is available on this product.

13. DISPOSAL CONSIDERATIONS

General information
Dispose of in compliance with all local and national regulations.

Disposal methods
Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Disposal of packaging
Empty containers can be sent for disposal or recycling.

14. TRANSPORT INFORMATION

Further information
The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Symbols
Xn - Harmful

Risk phrases
R22 - Harmful if swallowed.
R36 - Irritating to eyes.

Safety phrases
S1/2 - Keep locked up and out of the reach of children.
S13 - Keep away from food, drink and animal feedingstuffs.
S46 - If swallowed, seek medical advice immediately and show this container or label.
## 16. OTHER INFORMATION

### Text of risk phrases in Section 3.
- **R20/22** - Harmful by inhalation and if swallowed.
- **R22** - Harmful if swallowed.
- **R34** - Causes burns.
- **R36** - Irritating to eyes.
- **R37** - Irritating to respiratory system.

### Further information
The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

### Revision
This document differs from the previous version in the following areas:
- 13 - disposal methods.
- 13 - disposal of packaging.

### DISCLAIMER
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company’s knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.