SAFETY DATA SHEET
MANGANESE NO 2 TABLET

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME MANGANESE NO 2 TABLET

APPLICATION TESTING WATER

SUPPLIER PALINTEST LIMITED
PALINTEST HOUSE
TEAM VALLEY
GATESHEAD
TYNE & WEAR NE11 0NS
ENGLAND
TEL 0191 491 0808
FAX 0191 482 5372
palintest@palintest.com

EMERGENCY TELEPHONE 0191 491 0808 (Mon-Fri 08:45 - 16:45)

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEUCOMALACHITE GREEN 652/53.</td>
<td>204-961-9</td>
<td>129-73-7</td>
<td>&lt; 1%</td>
<td>Xn;R22.</td>
</tr>
<tr>
<td>SODIUM HYDROGEN CARBONATE</td>
<td>205-633-8</td>
<td>144-55-8</td>
<td>1.5%</td>
<td>Xi;R36.</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION
Unlikely route of exposure as the product does not contain volatile substances.

INGESTION
Get medical attention.

SKIN CONTACT
Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists:
Continue flushing during transport to hospital. Bring these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Follow precautions for safe handling described in this safety data sheet.

ENVIRONMENTAL PRECAUTIONS
Not relevant considering the small amounts used.

SPILL CLEAN UP METHODS
Avoid generation and spreading of dust. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.
7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Read and follow manufacturer's recommendations.

STORAGE PRECAUTIONS
Keep in original container. Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION
No specific hand protection noted, but gloves may still be advisable.

EYE PROTECTION
Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES
No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Solid

COLOUR
White

ODOUR
Odourless

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION
No information available.

INHALATION
No specific health warnings noted. Dust may irritate throat and respiratory system and cause coughing.

INGESTION
No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT
Skin irritation is not anticipated when used normally.

EYE CONTACT
Particles in the eyes may cause irritation and smarting.

ROUTE OF ENTRY
Skin and/or eye contact. Ingestion.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
There are no data on the ecotoxicity of this product. The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS
DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
No transport warning sign required.

15 REGULATORY INFORMATION

CONTAINS
LEUCOMALACHITE GREEN
SODIUM HYDROGEN CARBONATE

RISK PHRASES
NC Not classified.

SAFETY PHRASES
NC Not classified.

16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED
Version 1

SAFETY DATA SHEET STATUS
Approved.

DATE
26 April 2010

SIGNATURE
D Ellis

RISK PHRASES IN FULL
R22 Harmful if swallowed.
R36 Irritating to eyes.
R52/S3 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.