1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name: PHENOL RED TEST TABLETS
Synonym (s): RELAX PHENOL RED TEST TABLETS, PH REAGENT
Use(s): Testing pH of swimming pool water
Company Identification: PLASTICA LTD
Perimeter House, Napier Road, St Leonards-on-Sea, East Sussex, TN38 9NY
Emergency Telephone: 09062 655005 (24hr)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation: TABLETS CONTAINING FILLERS AND STABILISERS
CAS number
EINECS number
EC Index number

3. HAZARDS IDENTIFICATION

Physical & Chemical: ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO HEALTH IF HANDLED IN THE CORRECT MANNER.
Health: ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER.

4. FIRST AID MEASURES

General information
Inhalation: Remove casualty to fresh air and provide warmth and rest. If necessary, seek medical advice.
Skin contact: Wash with plenty of water. No special first aid measures necessary.
Eye contact: Wash out eye thoroughly with plenty of water until irritation subsides. If irritation persists, seek medical advice.
Ingestion: Wash out mouth thoroughly with water. Give plenty of water to drink.

5. FIRE FIGHTING MEASURES

General hazard: THE PRODUCT IS NON COMBUSTIBLE
Extinguishing media: To suit local surroundings (e.g. water spray, foam, carbon dioxide, dry chemical powder)
Extinguishing media not to be used
Special exposure hazards: The thermal decomposition products released should be considered toxic if inhaled.
Protective equipment: Wear self-contained breathing apparatus.
# 6. ACCIDENTAL RELEASE MEASURES

<table>
<thead>
<tr>
<th>Methods for cleaning up</th>
<th>Take up mechanically (e.g. sweep or vacuum up) into a suitable container; dispose of as prescribed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental considerations</td>
<td>In quantities associated with its use there is no environmental damage.</td>
</tr>
</tbody>
</table>

# 7. HANDLING & STORAGE

<table>
<thead>
<tr>
<th>Advice on safe handling</th>
<th>Handle in accordance with instructions. Keep the raising and deposition of dust to a minimum.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage conditions</td>
<td>Store in original container. Keep containers cool and dry.</td>
</tr>
</tbody>
</table>

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Exposure controls</th>
<th>Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls (if dust raised).</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTEL (8 hour TWA):</td>
<td>ppm 10 mg/m³ (total inhalable dust, EH40/2005)</td>
</tr>
<tr>
<td>LTEL (8 hour TWA):</td>
<td>ppm 4 mg/m³ (respirable dust, EH40/2005)</td>
</tr>
<tr>
<td>Engineering controls</td>
<td>Ensure adequate ventilation of working area.</td>
</tr>
<tr>
<td>Personal protection</td>
<td>Observe normal standards for handling chemicals. Avoid breathing dust and eye and skin contact. Wash hands before breaks and after work. No personal protective equipment required except for hygiene reasons (see below).</td>
</tr>
<tr>
<td>Eye protection</td>
<td>Safety goggles</td>
</tr>
<tr>
<td>Skin protection</td>
<td>Gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Dust mask (if ventilation is insufficient)</td>
</tr>
<tr>
<td>Other protection</td>
<td>Protective overall</td>
</tr>
</tbody>
</table>

# 9. PHYSICAL & CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical form</th>
<th>Solid tablets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Orange</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>pH</td>
<td>Neutral</td>
</tr>
<tr>
<td>Boiling pt / range</td>
<td>Not applicable. °C</td>
</tr>
<tr>
<td>Melting pt / range</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable. °C</td>
</tr>
<tr>
<td>Auto flammability</td>
<td>°C</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>Lower: % (v/v) Higher: % (v/v)</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble</td>
</tr>
<tr>
<td>Additional information</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY & REACTIVITY

Stability
Stable under normal conditions of handling.

Thermal decomposition
None known

Conditions to avoid

Material to avoid
According to experience, there are no incompatible substances.

Hazardous reactions

Hazardous decomposition products
No known hazardous decomposition products

11. TOXICOLOGICAL INFORMATION

Acute toxicity
LD₅₀ rat (oral) mg/kg No data are available

Dermal compatibility
No data are available

Mucous membrane compatibility
No data are available

Further information

12. ECOLOGICAL INFORMATION

Acute toxicity
LC₅₀ Fish mg/l No data available

Degradability
No data available

Further information

13. DISPOSAL CONSIDERATIONS

Advice on disposal
In accordance with national and local authority regulations, e.g. household waste.

Contaminated packaging
Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

United Nations number
The product is not classified for transport.

Packaging group

IMDG code

RID / ADR

ICAO / IATA

Marine pollutant

Proper shipping name

Emergency action code

Further information
15. REGULATORY INFORMATION

Classification & labelling  
In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3.1], the product is not classified.

Risk phrases
Safety phrases

16. OTHER INFORMATION

Further information

Sources of data  
Other suppliers’ safety data sheets

Date of issue  
08-05-2006

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 PLASTICA'S limited knowledge and belief, accurate, and reliable as of the date of authorisation of this safety data sheet. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user’s responsibility to be satisfied as to the suitability and completeness of such information for the product as used.

Data sheet prepared by Rising HS&E Services.