

**SAFETY DATA SHEET**  
TOTAL HARDNESS INDICATOR TABLETS

Page 1

Issued: 26/04/00

Revision No: 1

Danum Laboratory Services  
2 Dunscroft Grove  
Rossington  
Doncaster DN11 0UL  
Tel: 01302 864668  
Fax: 01302 860880

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

**Product name:** TOTAL HARDNESS INDICATOR TABLETS

**Product code:** RT1140

**Synonyms:** TOTAL HARDNESS INDICATOR TABLETS CODE NDR053

**Use / description of product:** No significant hazard.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredient 1:** ERIOCHROM BLACK T

**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** No symptoms.

**Eye contact:** No symptoms.

**Ingestion:** No symptoms.

**Inhalation:** No symptoms.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Wash off thoroughly with soap and water.

**Eye contact:** Bathe in Water

**Ingestion:** wash out mouth with water

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water. Carbon dioxide. Dry chemical powder. Foam Vapourising Liquids.

**Exposure hazards:** In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Do not allow large quantities to enter local drainage systems

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles. Face-shield.

[cont...]

**SAFETY DATA SHEET**  
TOTAL HARDNESS INDICATOR TABLETS

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Solid  
**Colour:** Purple  
**Odour:** Odourless  
**Oxidising:** Non-oxidising (by EC criteria)  
**Solubility in water:** Soluble  
**pH:** 7

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat. Light.  
**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION****12. ECOLOGICAL INFORMATION**

**Mobility:** Soluble in water.  
**Persistence and degradability:** Biodegradable.  
**Bioaccumulative potential:** No bioaccumulation potential.  
**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Dispose of as normal industrial waste.  
**Disposal of packaging:** Dispose of as normal industrial waste.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** : none

**IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Safety phrases:** S2: Keep out of the reach of children.  
S24/25: Avoid contact with skin and eyes.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. ADDITIONAL INFORMATION**

**Additional information:** The information contained within this MSDS is based on bulk quantities. The user

[cont...]

**SAFETY DATA SHEET**  
TOTAL HARDNESS INDICATOR TABLETS

should bear in mind the reduced hazard associated with the small quantities normally associated with test kit reagents, and adjust their responses accordingly.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.