



**SAFETY DATA SHEET**  
**SONAMAG U30 LW - WATER BASED FLUORESCENT CONCENTRATE**

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

**Product name:** SONAMAG U30 LW - WATER BASED FLUORESCENT CONCENTRATE

**Use / description of product:** For use in the Magnetic Particle Inspection Process (BS EN ISO 9934-2:2000)

**Company name/address:** Sonatest Ltd  
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** SURFACTANT 1-10%  
CAS: 78330-21-9  
[Xn] R22; [Xi] R41

**3. HAZARDS IDENTIFICATION**

**Main hazards:** Harmful if swallowed. Risk of serious damage to eyes.

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

**Skin contact:** There may be mild irritation at the site of contact. Prolonged contact may aggravate dermatitis in sensitive individuals and cause skin dryness or cracking.

**Eye contact:** There may be pain and redness.

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

**Skin contact:** Wash immediately with plenty of soap and water. Remove contaminated clothing, including shoes, and launder before re-use. Do not allow saturated clothing to remain in contact with skin for prolonged periods

**Eye contact:** Bathe the eye with running water for 15 minutes. Remove any contact lenses. If irritation persists get medical assistance.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

## 5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Dry chemical powder. Carbon dioxide. Water. Foam
- Exposure hazards:** Combustible after evaporation of water
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Refer to section 8 of SDS for personal protection details. Spilt product presents slip hazard
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. Do not allow to enter sewers, surface or ground water. Contain and collect spillages with non-combustible absorbant material e.g. granules, sand, earth etc. Place absorbants in suitable containers, drums etc., seal and dispose of in accordance with waste regulations.
- Clean-up procedures:** Absorb into dry earth or sand. Use absorbant granules as required. Dispose of in accordance with regulations Wash final residue with plenty of water

## 7. HANDLING AND STORAGE

- Handling requirements:** Avoid skin and eye contact. Avoid the inhalation of vapour/spray.
- Storage conditions:** Store in dry conditions.
- Suitable packaging:** Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure component contact areas are clean if using current flow technique (this reduces heat and vapour generated). Local exhaust ventilation is recommended to control process emissions near the source.

**Respiratory protection:** Respiratory protection should not be necessary during normal use. Adequate natural ventilation will suffice in most instances.

**Hand protection:** Suitable chemical resistant gloves The use of Nitrile rubber gloves and/or apron is advised.

**Eye protection:** Suitable eye protection designed to protect against liquid splashes should be worn.

**Skin protection:** Overalls recommended. No special protection other than hands. The use of a Nitrile rubber apron is advised.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid  
**Colour:** Brown when shaken  
**Odour:** Barely perceptible odour  
**Solubility in water:** Soluble  
**Viscosity:** Viscous

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat. Hot surfaces.  
**Materials to avoid:** Nitrates. Oxidising agents.

**11. TOXICOLOGICAL INFORMATION**

**Chronic toxicity:** Frequent or prolonged contact may irritate and cause skin dryness, cracking and dermatitis. Chronic eye contact may cause serious damage if not addressed quickly  
**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Soluble in water.  
**Persistence & degradability:** Expected to be slowly biodegradable. No acute toxicity to aquatic organisms is expected.  
**Bioaccumulative potential:** No data available.  
**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with the regulations made under The Control of Pollution Act and The Environment Protection Act.

**Disposal of packaging:** Packaging, card and plastics can be recycled.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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**14. TRANSPORT INFORMATION**

**ADR / RID**

UN no: -

**Shipping name:** Not classified as dangerous in the meaning of transport regulations

**IMDG / IMO**

UN no:

**IATA / ICAO**

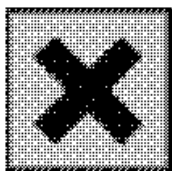
UN no:

**15. REGULATORY INFORMATION**

**Hazard symbols:**

Harmful.

'Harmful', refers to concentrate form and not diluted form in use.



**Risk phrases:**

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

**Safety phrases:**

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

**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. OTHER INFORMATION**

**Risk phrases used in s.2:**

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

**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.