

## Material Safety Data Sheet

# SODIUM THIOCYANATE SOLUTION

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

1. **Identification**  
 Chemical Description                      Aqueous solution of sodium thiocyanate ( 500mg/litre)
  
3. **Hazards Identification**  
 May be harmful if digested in quantity. May be irritating to eyes and skin.
  
4. **First Aid Measures**
  - Eye Contact  
Irrigate thoroughly with water. If discomfort persists obtain medical attention.
  - Inhalation  
Remove from exposure.
  - Skin Contact  
Wash off skin thoroughly with soap and water.
  - Ingestion  
Wash out mouth thoroughly with water. In severe cases obtain medical attention.
  
5. **Fire Fighting Measures**  
 Extinguishing Media                      Not Applicable
  
6. **Accidental Release Measures**  
 Wear appropriate protective clothing. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water.  
 Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water.  
 For large spillage liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residue should be treated as for small spillage. If material has entered surface drains it may be necessary to inform local authorities, including fire service if flammable.
  
7. **Handling and Storage**  
 No Special Requirements.
  
8. **Exposure controls / Personal Protection (as appropriate to quantities handled)**

Protective Equipment	Goggles or face shield, rubber or plastic gloves, plastic apron, sleeves and boots if handling large quantities				
Respiratory Protection	Not applicable				
Ventilation	Not applicable				
  
9. **Physical and Chemical Properties**

Colourless solution	
Vapour Density	n/a (air=1)
Fire & Explosion Hazard	n/a
Melting Point(°C)	n/a
Boiling Point(°C)	n/a
Specific Gravity	n/a
Solubility in water	Miscible in all proportions
Flash Point(°C)	n/a
Auto-ignition Temp (°C)	n/a
Explosive Limits(%)	Lower n/a
Explosive Limits(%)	Upper n/a
  
10. **Stability and Reactivity**

Stability	Stable				
Reactivity with water	None				
Other Known Hazards	No data				
Avoid Contact with	Water (no)	Acids (no)	Bases (no)	Oxidisers (no)	Combustibles (no)
  
11. **Toxicological information**

Toxicity	No data				
Carcinogenicity	No evidence of carcinogenic properties				
Mutagenicity	No evidence of mutagenic or teratogenic effects				
Exposure Limits	Not assigned (long-term, 8-hour TWA)				
  
13. **Disposal Considerations**  
 Dispose of in accordance with local authority requirements or pass to a chemical disposal company
  
14. **Transportation Information**

Hazard Class	n/a				
UN No	n/a				
Packing group	n/a				
  
15. **Regulatory Information**

Symbol	n/a				
Risk Phrases	n/a				
Safety Phrases	n/a				

**16. Other Information**

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

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