



Material Safety Data Sheet

Product Name:	Denaturation Solution
Product Code:	WS0012
Composition:	Aqueous solution containing 2% sodium dodecyl sulfate and 1M 2-mercaptoethanol
CAS #:	60-24-3
Hazard Identification:	2-mercaptoethanol
First Aid Measures:	In case of contact: Eyes - Immediately flush eyes with copious amounts of water for at least 15 minutes Skin - Immediately wash skin with soap and copious amounts of water. Inhalation - Remove to fresh air. Give oxygen if breathing becomes difficult. Give artificial respiration if not breathing. Ingestion - Wash out mouth with water.
— IF IN DOUBT, SEEK MEDICAL ADVICE —	
Firefighting Measures:	Water spray, CO ₂ , dry chemical powder or appropriate foam according to surrounding fire condition. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions.
Accidental Release Measures:	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Cover with an activated carbon adsorbent and place in a closed container for disposal. Ventilate area and wash spill site after material pickup is complete.
Handling/Exposure Controls:	Wear appropriate NIOSH/MSHA approved respirator, chemical resistant gloves, safety goggles and other protective clothing. Use in chemical fume hood.
Storage:	Store in a cool, dry place away from heat and open flame.
Physical and Chemical Properties:	Colorless liquid
Stability and Reactivity:	Conditions to Avoid: excessive heat. Incompatibility: oxidizing agents, metals, moisture. Hazardous Decomposition/Byproducts: toxic fumes of sulfur oxides, carbon monoxide and carbon dioxide.
Toxicological Information:	May be fatal if inhaled or adsorbed through skin. Harmful if swallowed, causes severe irritation particularly to mucous membranes and upper respiratory tract, eyes and skin.
Ecological Information:	Not available.
Disposal Information:	Incinerate in a furnace equipped with an afterburner and scrubber. Observe all federal, state and local laws.
Transport Information:	Not available.
US Regulatory Information:	Not available.

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