

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health-2; Flammability-2; Reactivity-0; Specific Hazard-			HMIS Rating: Health-2; Flammability-2; Reactivity-0; Personal Protection-B			
DOT Hazard Classification: Flammable Liquid, NOS 3						
FDA: This product is approved under the following FDA (21 CFR) sections: Unknown.						
Manufacturer's Name: AmSolv Manufacturing Company. Address: 1803 Howard Road Waxahachie, TX 75165			Identity (trade name as used on label): AmSolv AmGuard 7820			
Date Prepared: 2005-07-05		Prepared By: STH		MSDS Number: WB7820 Revision - 1		
Information Calls: 1 (972) 938-1401 EMERGENCY RESPONSE NUMBER: 1 (972) 938-1410 (International)			NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA			
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Diethylhydroxylamine		3710-84-7	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C			Specific Gravity (H2O=1): 0.99			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D			
Vapor Density (Air = 1): Approx 3.1			Evaporation Rate (water = 1): 1.0			
Solubility in Water: soluble			Water Reactive: No			
Appearance and Odor: Clear, colorless to light tan, liquid with ammoniacal odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A		Auto Ignition Temperature N/A		Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A		
FLASH POINT AND METHOD USED (non-aerosols): Approx. 115°F TCC			EXTINGUISHER MEDIA: Water spray, Water fog, CO2, Dry chemical, Alcohol foam, Foam.			
SPECIAL FIRE FIGHTING PROCEDURES: None required						
Unusual Fire & Explosion Hazards: None						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE			HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Strong oxidizers, Nitrites.			Conditions to Avoid: Heat, flames, sparks.			
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides. Thermal decomposition may produce diethylamine						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS: Irritant.						
Inhalation: Irritant						
Eye Contact: Irritant			Skin Contact: Irritant.			
Ingestion: Irritant.						
CHRONIC EFFECTS: Any irritated tissue present may be further irritated by exposure						
Medical Conditions Generally Aggravated by Exposure: Any irritated tissue present may be further irritated by exposure.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. Get medical attention.						
Skin Contact: Wash and rinse thoroughly with soap and water. If irritation persists or ulceration develops, get medical attention.						
Inhalation: Remove to fresh air..						
Ingestion: DO NOT INDUCE VOMITING. Drink a citrus beverage followed by copious clear water. Get medical attention						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None normally required. If needed, Use a NIOSH/MSHA approved cartridge for amines or organic vapors.						
Protective Gloves: Rubber.			Eye Protection: Chemical goggles or face shield.			
Ventilation Requirements: Use with adequate ventilation.						
Other Protective Clothing & Equipment: Rubber boots and apron, if desired. Eyewash stations and safety showers.						
Hygienic Work Practices: Do not eat or drink in work areas. Wash hands before using restroom facilities.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: DO NOT drain into sewers or surface waters. Soak up in absorbent material and place in properly labeled, sealed, non-leaking containers for proper authorized hazardous waste disposal.						
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store in original shipping container. Keep container sealed when not in use. Protect from freezing.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only