

# 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	
<b>NFPA Rating:</b> Health-2; Flammability-1; Reactivity-0; Special- - <b>Manufacturer's Name:</b> AMREP, INC. <b>Address:</b> 990 Industrial Park Drive Marietta, GA 30062	<b>HMIS Rating:</b> Health-2; Flammability-1; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> NON-REGULATED <b>Identity</b> (trade name as used on label): <b style="text-align: center;">MISTY BIODET ND32 – LEMON</b>
<b>Date Prepared:</b> 05/05/05 <b>Prepared By:</b> TR/IB <b>Information Calls:</b> (770)422-2071 <b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924	<b>MSDS Number:</b> B01220 <b>Revision -</b> 1 <b style="text-align: center;">NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA</b>

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 **
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	No	N/E	N/E	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
<b>Boiling Point:</b> N/D	<b>Specific Gravity</b> (H2O=1): 1
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/D
<b>Vapor Density</b> (Air = 1): N/D	<b>Evaporation Rate</b> ( water = 1): 1
<b>Solubility in Water:</b> Miscible	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Clear, yellow, non-viscous liquid with lemon fragrance.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A	<b>Auto Ignition Temperature</b> N/A	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/A      % UEL: N/A
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): >200°F TCC	<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear proper protective clothing including NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.	
<b>EXTINGUISHER MEDIA:</b> Carbon dioxide, dry chemical, water spray.		
<b>Unusual Fire &amp; Explosion Hazards:</b> When heated to decomposition in a fire, product may liberate noxious and/or toxic fumes. See Section #4.		

SECTION 4 - REACTIVITY HAZARD DATA	
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to avoid): Aluminum metal, anionic surfactants, anything reactive to water. Strong oxidizing or reducing agents.	<b>Conditions to Avoid:</b> High temperatures.
<b>Hazardous Decomposition Products:</b> Toxic vapors / fumes of hydrogen chloride. Oxides of carbon and nitrogen, unidentified organic compounds.	

SECTION 5 - HEALTH HAZARD DATA	
<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS	
<b>ACUTE EFFECTS</b>	
<b>Inhalation:</b> Inhalation of spray or mist may cause irritation of respiratory tract tissues.	
<b>Eye Contact:</b> Corrosive. Causes irreversible eye damage.	<b>Skin Contact:</b> Prolonged or repeated contact may cause irritation.
<b>Ingestion:</b> Moderate to severe irritation of gastrointestinal tract tissues. Toxic effects unlikely.	
<b>CHRONIC EFFECTS:</b> None known.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Contact may aggravate pre-existing irritation.	

EMERGENCY FIRST AID PROCEDURES	
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritation persists, get medical attention.	
<b>Skin Contact:</b> Remove contaminated clothing. Wash with soap and water for 15 minutes. If irritation persists, get medical attention.	
<b>Inhalation:</b> Remove to fresh air. If necessary seek medical attention.	
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water or large quantity of milk, egg whites or gelatin solution. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
<b>Respiratory Protection (specify type):</b> None needed under normal conditions of handling and usage, if needed use NIOSH approved self-contained breathing apparatus.	
<b>Protective Gloves:</b> Rubber	<b>Eye Protection:</b> Safety glasses or chemical goggles.
<b>Ventilation Requirements:</b> Special ventilation is not needed under normal conditions of handling and usage.	
<b>Other Protective Clothing &amp; Equipment:</b> Eyewash station and safety shower.	
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash hands after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Do not allow large spills to contaminate sewers, ground or surface waters. Contain spill. Soak up in inert absorbent material. Place in leak-proof containers. Seal & label properly. Dispose of in a lawful manner.	
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations.	
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Protect from extreme heat (140°F) and cold.	
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read & 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