

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 3/1/2007

Code: 7075

SECTION 1 - PRODUCT IDENTIFICATION

Distributor Custom Solutions	Emergency Phone 800.309.5869
Address 900 East 103rd Street, Chicago, IL 60628	For health and safety information on this product contact the National Pesticide Information Center at 1-800-858-7378.
Trade Name Nemesis	Product Type Tuberculicidal Spray and Wipe Disinfectant

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.105%	None Established	No
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6	0.105%	None Established	No
Diethylene Glycol Monobutyl Ether	112-34-5	5-10%	None Established	Yes
Tetrasodium EDTA	64-02-8	1-5%	None Established	No
Water	7732-18-5		None Established	No

SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	212°F	Specific Gravity (H2O=1.0)	1.01 ± 0.005	pH	12.3 ± 0.5
Vapor Pressure (mm Hg)	Not Determined	Vapor Density (Air=1)	Not Determined		
Solubility in water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)				
Evaporation Rate (vs. H2O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor Pale straw color wih pleasant odor.		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	°F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits	N/A Upper Lower
Extinguishing Media	Product is noncombustible. Water Spray (Fog), Dry Chemical, CO2, or Foam may be used where product is stored.		
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.		
Unusual Fire and Explosion Hazards	None		

SECTION 5 - REACTIVITY DATA

Stability	Stable
Incompatibility	Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).
Hazardous Decomposition Products	Burning may produce oxides carbon, nitrogen and other substances.

SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms Of Overexposure (Acute)	Prolonged or repeated contact of concentrated product with eyes will cause moderate irritation and reddening. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea and mucousal irritation.
Signs and Symptoms of Overexposure (Chronic)	Repeated over exposure may result in the absorption of potentially harmful amounts leading to kidney and liver effects.
Medical Conditions Aggravated by Overexposure	An existing dermatitis and/or respiratory illness.
Carcinogen or Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush eyes with water for at least 15 minutes and call a physician immediately.
Skin	Wash affected areas with large amounts of soap and water. If irritation persists call physician.
Ingestion	If swallowed, drink egg whites, gelatin solution or if these are not available, drink large quantities of water. See medical attention immediately.
Inhalation	Remove to fresh air. If breathing difficulty or discomfort occurs & persists, obtain medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not required under normal use conditions with good general ventilation.
Ventilation Requirements	Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other Eye Protection Safety Glasses/Goggles
Protective Gloves Rubber/PVC	Other Protective Clothing Protective clothing appropriate to minimize contact during specific operations.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or	Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle or proper disposal.
Waste Disposal Methods	Dispose of in an approved waste facility according to Federal, State and local regulations. See product label for specifics.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage	Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container-triple rinse and offer for reconditioning or proper disposal. See product label for complete storage and disposal instructions.
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Prepared By: LPL

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS
HAZARD
RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME