

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

<b>SECTION I - CHEMICAL PRODUCT &amp; COMPANY IDENTIFICATION</b>		
Identity (As Used on Label and List): Super Staph-Trole 256		
Product Class: Disinfectant cleaner, EPA #47371-129-5449		
Emergency Telephone Number: 800-255-3924		
Telephone Number for Information: 651-481-1900		
Manufacturer's Name and Address: Multi-Clean®, 600 Cardigan Road, Shoreview, MN 55126		
<b>SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS</b>		
Hazardous Components (Specific Chemical Identity):		
Chemical	Common Name(s)	%
A	Quaternary Ammonium Chloride Surfactants CAS #s 7173-15-5 & 8001-54-5	16.9
B	Ethylenediamine Tetraacetic Acid CAS #60-00-4	1 - 5
C	Octyl Dimethyl Amine Oxide CAS #2605-78-9	1 - 5
D	Sodium Hydroxide CAS #1310-73-2	1 - 5
E	Water CAS #7732-18-5	60 - 100
<b>SECTION III - HAZARDS IDENTIFICATION</b>		
Emergency Overview		
Appearance and Odor: Green liquid, floral aroma.		
Primary Hazards: Irritant		
Potential Health Hazards		
Route(s) of Entry:	Skin Absorption:	Ingestion: X Inhalation:
Eye:	May cause burns if contact occurs.	
Skin:	May cause burns if contact occurs.	
Ingestion:	May be harmful if swallowed.	
Inhalation:	No unusual vapor hazards.	
Signs and Symptoms of Exposure: Irritation and/or burning sensation on contact.		
Carcinogenicity:	NTP? No	IARC Monographs? No
OSHA Regulated? No		
Target Organ (s): Eyes, skin and mucous membranes.		
Medical Conditions Generally Aggravated by Exposure: N. Av.		
Health Hazards, Chronic: N. Av.		
<b>SECTION IV - FIRST AID MEASURES</b>		
Emergency and First Aid Procedures: <b>IF IN EYES:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. <b>IF ON SKIN OR CLOTHING:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. <b>IF SWALLOWED:</b> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.		
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.		
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression and convulsion may be needed.		
Sources Used: Raw material data, general toxicology from the trade for similar products, EPA approved label.		
<b>SECTION V - FIRE FIGHTING MEASURES</b>		
Flammability:	No	Autoignition Temperature: N. Av.
Flash Point (method used):	None	
Flammable Limits:	N. Av.	LEL UEL
Extinguishing Media	N. Av.	
Water?	Foam?	Water Fog?
Alcohol Foam?	CO <sub>2</sub> ?	Dry Chemical?
Vaporizing Liquid?	Other?	
Special Fire Fighting Procedures:	N. Av.	
Unusual Fire and Explosion Hazards:	N. Av.	
TDG Flammability Classification:	Non-flammable	
Sensitivity to Mechanical Impact:	None	
Sensitivity to Static Discharge:	None	
<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>		
Steps to be Taken in Case Material is Released or Spilled: Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.		
<b>SECTION VII - HANDLING AND STORAGE</b>		
Precautions to be Taken in Handling and Storing: Do not contaminate food or water by storage or disposal. Store only in original containers. See label instructions for container disposal. Do not reuse empty container.		
Other Precautions: Keep out of reach of children. Do not breathe spray mist.		
<b>SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION</b>		
Respiratory Protection (Specify Types): Not required		
Ventilation:	Local Exhaust: Not required	Special: Not required
Mechanical (General): Normal good ventilation sufficient.		
Other: Not required		
Protective Gloves: Natural rubber or synthetic.		
Eye Protection: Approved safety goggles or glasses. Footwear: Not required		
Other Protective Clothing or Equipment: Not required		

Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.					
<b>SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS</b>					
Boiling Point: Approximately 212°F (100°C)		pH: 7 - 8			
Specific Gravity (H <sub>2</sub> O) = 1: 1.00		% Volatile: 75 - 95			
Vapor Density (Air = 1): N. Av.		Odor Threshold: N. Av.			
Evaporation Rate (Butyl Acetate = 1): N. Av.		Oil/Water Distribution			
Solubility in Water: Complete		Coefficient: N. Av.			
Vapor Pressure (MM HG): N. Av.					
Melting Point: N. Av.					
<b>SECTION X - STABILITY AND REACTIVITY</b>					
Stability: Unstable:		Stable: X			
Conditions to Avoid: N. Av.					
Incompatibility (materials to avoid): Do not mix with other cleaners or deodorants.					
Hazardous Decomposition or By-products: N. Av.					
Hazardous Polymerization:		May occur:		Will not occur: X	
Conditions to Avoid: N. Av.					
<b>SECTION XI - TOXICOLOGICAL INFORMATION</b>					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	100 ppm	100 ppm	N. Av.	590 mg/kg (80% soln.)	N. Av.
B	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
C	N. Av.	N. Av.	N. Av.	4800 mg/kg (rat, oral)	N. Av.
D	2 mg/M3	2 mg/M3	N. Av.	140-340 mg/kg (rat, oral)	N. Av.
E	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
Product LD50: 6,920 mg/kg (rat)					
Teratogen, Mutagen, Reproductive Toxin Status: No					
Toxicologically Synergistic Products: N. Av.					
<b>SECTION XII - ECOLOGICAL INFORMATION</b>					
Ecotoxicological Information: N. Av.					
Chemical Fate Information: N. Av.					
<b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>					
Waste Disposal Method: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.					
RCRA Hazard Class: Regulated by FIFRA					
<b>SECTION XIV - TRANSPORT INFORMATION</b>					
Shipping Classification: Disinfectant Liquid Corrosive (Quaternary Ammonium Compound), class 8					
UN Number: 1903					
Packing Group: II					
<b>SECTION XV - PREPARATION DATA</b>					
Prepared By: Mike Elms					
Telephone Number: 651-481-1900					
Date: 7/08					
<b>SECTION XVI - REGULATORY INFORMATION</b>					
US Federal Regulations					
TSCA Status: All ingredients listed.					
CERCLA Reportable Quality: N. Av.					
SARA Title III					
Section 302 Extremely Hazardous Chemicals: None					
Section 311/312 Hazard Category: Immediate health hazard					
Section 313 Toxic Chemicals: None					
State Regulations					
NOTICE STATE OF CALIFORNIA					
Warning: This product may contain chemicals known to the State of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.					
International Regulations: N. Av.					
<b>SECTION XVII - OTHER INFORMATION</b>					
None					
N. Av. - Not Applicable; N.Av. - Not Available					

## NFPA SYSTEM

2 A. Health Hazard      0 A. Fire Hazard      0 A. Reactivity Hazard

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