

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION			
<b>Distributor</b> Brite Star Chemical Company, Inc.	<b>Emergency Phone</b> 787-805-5320		
<b>Address</b> Zona Industrial Guanajibo, #1135 William Brennan Blvd, Mayaguez, PR 00680			
<b>Trade Name</b> ABADISIN ANTIBACTERIAL DISINFECTANT	<b>Product Type</b> Spray Disinfectant Cleaner		
SECTION 2 - HAZARDOUS INGREDIENTS			
CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
n-Alkyl dimethyl benzyl ammonium chlorides	68391-01-5*		Not Established
n-Alkyldimethyl ethylbenzyl ammonium chlorides	68956-79-6*		Not Established
Diethylene Glycol Butyl ether*	112-34-5	5-10	Not Established
Tetrasodium ethylenediamine tetraacetate	64-02-8		Not Established
SARA HAZARD TITLE III, SECTION 313-CONTAINS THE STARRED INGREDIENT(S) AT THE INDICATED PERCENTAGES			
Other ingredients in this product are : <input checked="" type="checkbox"/> Less than 1% by weight or less than 0.1% for carcinogens <input checked="" type="checkbox"/> Not hazardous <input checked="" type="checkbox"/> Declared to be Trade Secret			
SECTION 3 - PHYSICAL DATA			
<b>Boiling point(°F.)</b> near 212	<b>Specific Gravity(H2O=1.0)</b> (± 0.005) 1.005	<b>pH</b> (± 0.5) 12.5	
<b>Vapor Pressure(mm Hg)</b> Unknown	<b>Vapor Density(Air=1)</b> Unknown		
<b>Solubility in water</b> <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
<b>Evaporation Rate(vs. H2O)</b> <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same			
<b>Appearance and Odor</b> Liquid, pleasant odor			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
<b>Flash Point( T.C.C. )</b> °F. <input checked="" type="checkbox"/> None to Boiling	<b>Flammable Limits</b> Upper Unknown Lower Unknown		
<b>Extinguishing Media</b> CO2, dry chemical, foam, water spray.			
<b>Special Firefighting Procedures</b> Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
<b>Unusual Fire and Explosion Hazards</b> None known.			
SECTION 5 - REACTIVITY DATA			
<b>Stability</b> Stable	<b>Incompatibility</b> Strong oxidizers		
<b>Hazardous Decomposition Products</b> Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.			
SECTION 6 - HEALTH HAZARDS			
<b>Primary Routes of Exposure</b> <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other			
<b>Signs and Symptoms of Overexposure (Acute)</b> Prolonged or repeated contact of concentrated product with skin and/or eyes can cause chemical burns. If taken internally, concentrated product may cause damage to mouth, throat or stomach. Inhalation of mist or spray may cause irritation to nose, throat or lungs if adequate ventilation is not employed.			
<b>Signs and Symptoms of Overexposure(Chronic)</b> None known			
<b>Medical Conditions Aggravated by Overexposure</b> None known		<b>Carcinogen/Suspect Carcinogen Ingredients</b> <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE	
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
<b>Eyes</b> Flush immediately with water for at least 15 minutes. Call a physician.			
<b>Skin</b> Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/ shoes. Call a physician. Wash clothing before reuse.			
<b>Ingestion</b> If swallowed do NOT induce vomiting. Give large quantities of water, followed by one oz. of vinegar in an equal amount of water. Call a physician.			
<b>Inhalation</b> No known ill effects from inhalation. If breathing becomes difficult, remove exposed person to fresh air. Treat symptomatically and investigate other possibilities.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
<b>Respiratory Protection</b> Not needed under normal conditions of use.			
<b>Ventilation Requirements</b> <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other			
<b>Protective Gloves</b> Rubber	<b>Eye Protection</b> Safety glasses/goggles	<b>Other Protective Clothing</b> May be needed where likely exposure may occur	
SECTION 9 - SPILL OR LEAK PROCEDURES			
<b>Steps to be Taken if Released or Spilled</b> Small spills: flush area with water. Neutralize spill with dilute acids. Large spills: Remove as much material as possible, then neutralize residue as under small spills.			
<b>Waste Disposal Methods</b> Dispose of in accordance with applicable Federal, State and Local ordinances.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
<b>Precautions to be Taken in Handling and Storage</b> Do not get in eyes, on skin, on clothing. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.			

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 to the product, if diluted, under conditions of ordinary use.

DATE PREPARED May 15, 2003