



5332 Dansher Road  
Countryside, Illinois 60525



**MATERIAL SAFETY DATA SHEET**

Revision Date: 3/12/2008

MSDS No. EM-012

Emergency Phones: 708-579-8100 (NYCO)

800-424-9300 (CHEMTREC)

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

**SECTION I - PRODUCT IDENTITY**

PRODUCT NAME: Neutral Q 128 Disinfectant

**HMS RATINGS**

Health = 1 (Slight)	Flammability = 0 (Minimal)
Reactivity = 0 (Minimal)	Protection = B (Safety Glasses, Gloves)

**SECTION II - HAZARDOUS INGREDIENTS**

	PERCENT	TLV	CARCINOGEN (OSHA,TP,IAAC)
Alkyl (C14-60%, C16-30%, C12-5%, C18-5%), dimethyl benzyl Ammonium Chloride	> 1.0%	None	None
Alkyl (C12-60%, C14-32% Dimethyl Ethylbenzyl Ammonium Chloride	> 1.0%	None	None
2-Butoxyethanol (CAS 111-76-2)		1000 ppm (alcohol)	None

**SECTION III - CHEMICAL AND PHYSICAL**

Appearance: Clear Blue Liquid	Boiling Point: < 212 °F
Odor: None	Melting Point: N/A
pH: 7.0 ± 1.0	Spec. Gravity (H <sub>2</sub> O = 1): 1.01
Water Solubility: Completely	Vapor Pressure (mm Hg): n/a
Viscosity: Water Thin	VOC Content: 0%

**SECTION IV - FIRE AND EXPLOSION HAZARDS**

Flash Point (Method): > 140 °F TCC	Explosion Limits: Upper: N/A Lower: N/A
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Extinguishing Media: Water fog, foam, CO<sub>2</sub>, halons, dry chemical  
Special Firefighting Procedures and Hazards: Wear eye and skin protection if exposure to liquid is likely. A NIOSH/MSHA approved self-contained breathing apparatus is recommended. Cool fire exposed containers with water spray. Minimize run-off to sewers. Products of combustion are toxic.

**SECTION V - REACTIVITY INFORMATION**

Stable:  Unstable:

Precautions:  
Incompatibility: None known

Hazardous Decomposition Products: Thermal decomposition may produce toxic vapors/fumes of amines and other organic materials, and oxides of carbon and nitrogen.  
Hazardous Polymerization: Occurs: 0 Does Not Occur: X

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, Chemtreat International cannot give any guarantee regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.

Reportable for SARA Title III, 3.13 (Form F): None

This is an EPA registered pesticide. The material should only be used commercially in the EPA registered applications noted on the label. The ingredients of the product are found in U.S. EPA TSCA Inventory.

### SECTION IX - REGULATORY INFORMATION

Empty Containers: Triple-rinses before handling and disposal. Do not re-use containers. Observe label precautions.  
Other Precautions: None

Water Disposal: Small amounts may be flushed into drains with lots of water. If local regulations permit, larger amounts should be sent to licensed incineration or other treatment and disposal facility.

Storage and Handling: Check daily for any leaks from containers, vessels, pumps, and piping. Keep away from drinking water and food. Do not contaminate food, drinking water or feed by storage or disposal. Dispose of any contaminated food. Store all temperatures below 140°F. and keep containers closed until used.

Spills and Leaks: Small spills should be taken up with absorbent material and held for disposal, or, if local regulations permit, flushed into drains with lots of water. Large spills should be contained by dikes or other methods and put into containers for disposal or reuse.

### SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Based upon the available animal toxicity information for a similar product, it is anticipated that the material will cause severe skin or eye irritation and/or burns and possible irreversible damage upon direct or prolonged contact.

ORAL LD<sub>50</sub> (rat): 1850 mg/kg  
DERMAL LD<sub>50</sub> (rabbit): 430 mg/kg

### SECTION VII - TOXICOLOGY INFORMATION

Other Important Medical or Pesticide Information: None

Most likely routes of entry: Skin, Eyes, Inhalation, Ingestion

Inhalation: Breathing of vapors or mists may cause irritation. Wear approved organic vapor respirator in the absence of proper environmental controls. Provide ventilation and/or exhaust. Remove to fresh air. Give artificial respiration or oxygen if needed.

Skin: Based upon information available for quaternary disinfectants, it is anticipated that the material may cause irritation to skin on prolonged contact. Wear protective rubber or neoprene gloves, and other body protection as needed. Remove contaminated clothing. Flush skin thoroughly with water for 15 minutes.

Eyes: Based upon information available for quaternary disinfectants, it is anticipated that the material may cause irritation to eyes on direct contact. Liquid and vapor can cause eye damage. Wear splash proof goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions. Flush immediately with water for 15 minutes. Get medical attention promptly if effects persist.

Ingestion: The use dilution solutions of disinfectant prepared according to the current label instructions are not considered hazardous according to criteria of 29 CFR 1910.1200. However safety protection is recommended for eyes and skin when handling product concentrates.

Can cause mouth, throat (pharynx) and abdominal damage, with possible severe swelling of the larynx; skeletal muscle paralysis affecting the ability to breathe; circulatory shock, respiratory depression and/or convulsions. Avoid swallowing. Flush mouth. Drink large amount of milk, or if this is not available, lots of water. Get medical attention.

### SECTION VI - HEALTH HAZARDS - FIRST AID