

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0

Health: 3

Reactivity: 0

## SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name, Address Franklin Cleaning Technology - PO Box 214 Great Bend KS 67530

Product Name: Q-128

Product Number: F2480

Chemical Family: Aqueous solution of surfactants & builders

Package Size: 1,5,55 Gal

EPA Reg. No: 47371-130-1124 Emergency Telephone No. 620-792-1711

Preparer: Bill Dayton

Date: 03/04/02

Signature:

## SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
Didecyl dimethyl ammonium chloride	7173-51-5	NE	NE	5.07
n-Alkyl dimethyl benzyl ammonium chloride	8001-54-5	NE	NE	3.38
*Water	7732-18-5			
*Octyl dimethyl amine oxide	2605-78-9			
*Sodium EDTA	64-02-8			

## SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards <input checked="" type="checkbox"/>	Flammable Gas <input type="checkbox"/>	Flammable Liquid/Solid <input type="checkbox"/>	Water Reactive <input type="checkbox"/>
Combustible <input type="checkbox"/>	Flammable Aerosol <input type="checkbox"/>	Pyrophoric <input type="checkbox"/>	Oxidizer <input type="checkbox"/>
Compressed Gas <input type="checkbox"/>	Explosive <input type="checkbox"/>	Unstable - Reactive: <input type="checkbox"/>	Organic Peroxide <input type="checkbox"/>

Boiling Point, °F: 212F

Solubility in Water: Complete

Evaporation Rate: 1

Vapor Pressure: Unknown

Specific Gravity (water =1): 1.001

pH: 7.7

Vapor Density: Unknown

%Volatiles by Weight: 89.3

Appearance and Odor: Green liquid with fragrance.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None

Flammable Limits: LEL: n/a

UEL: n/a

Extinguishing Media: n/a

Special Fire: None

Fighting Procedures:

Unusual Fire and: None

Explosion Hazards:

## SECTION V - REACTIVITY DATA

Stability: Unstable

Conditions to Avoid: n/a

Stable

Incompatibility: Mix only with water.

(Materials to Avoid)

Hazardous Decomposition: None

Products or Byproducts:

Hazardous Polymerization: May Occur:

Will Not Occur:

Conditions to Avoid: n/a

Comments:

\*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 and the New Jersey Worker & Community Right To Know Act of 1983.

**SECTION VI - HEALTH HAZARD DATA**

Route (s) of entry:	Inhalation <input type="checkbox"/>	Skin: <input checked="" type="checkbox"/>	Eye: <input checked="" type="checkbox"/>	Ingestion: <input checked="" type="checkbox"/>	
No Health Hazard	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>
Toxic	<input type="checkbox"/>	Irritant	<input checked="" type="checkbox"/>	Carcinogen	<input type="checkbox"/>
Highly Toxic	<input type="checkbox"/>	Corrosive	<input checked="" type="checkbox"/>	See Target Organs	<input checked="" type="checkbox"/>
<b>TARGET ORGANS</b>					
Lungs	<input type="checkbox"/>	Eyes	<input checked="" type="checkbox"/>	Blood	<input type="checkbox"/>
Heart	<input type="checkbox"/>	Skin	<input checked="" type="checkbox"/>	Liver	<input type="checkbox"/>
Kidney	<input type="checkbox"/>	Prostrate	<input type="checkbox"/>	Mutagen	<input type="checkbox"/>
				Teratogen	<input type="checkbox"/>
				Central Nervous System	<input type="checkbox"/>
				Cardiovascular System	<input type="checkbox"/>
				Mucous Membranes	<input type="checkbox"/>
				Autonomic Nervous System	<input type="checkbox"/>
				Respiratory System	<input type="checkbox"/>
Carcinogenicity:	None Known <input checked="" type="checkbox"/>	NTP:	<input type="checkbox"/>	IARC:	<input type="checkbox"/>
				OSHA Regulated	<input type="checkbox"/>

Medical Conditions Generally Aggravated by Exposure:  
None known

Signs and Symptoms of Exposure:  
Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed.

**Emergency and First Aid Procedures:**

If in eyes, 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. Call a physician. If on skin or clothing, take off contaminated clothing. Rinse skin immediately for 15-20 minutes. If swallowed, call a poison control center or doctor immediately for treatment advice.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken in case material is released or spilled:

Small spill: Mop up, rinse with water. Large spill: Mop up, absorb with an inert, dike or turn container over as applicable.

**Waste Disposal Method:**

Small amount: Place in plastic bag with absorbent & discard in trash container. Large amount: Dispose in accordance with Local, State & Federal Regulations.

Potential EPA Hazardous Waste Code(s): n/a

Steps to be taken in handling and storage:

Protect from freezing. Store at 40 - 90 F. Read and follow label use directions. Keep out of reach of children.

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type):

None required

Ventilation: Local Exhaust: \_\_\_\_\_ Special: \_\_\_\_\_  
Mechanical: None required

Protective Gloves: Required \_\_\_\_\_ Eye Protection: Required \_\_\_\_\_

Other Protective Clothing and Equipment:

None required

**SECTION IX - SHIPPING INFORMATION**

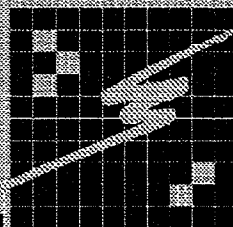
DOT Proper Shipping Name and Number:

1 gallon - Consumer Commodity, ORM-D. 5 & 55 gallon - Disinfectant, Corrosive Liquid, N.O.S. (Quaternary Ammonium Chlorides), 8, UN1903, PGIII

NE = Not Established

N/A = Not Applicable

F2480

FRANKLIN  
CLEANING TECHNOLOGY

TM

# Q-128

## ONE-STEP GERMICIDAL DETERGENT AND DEODORANT

### PRODUCT DESCRIPTION:

An EPA registered virucide-fungicide-mildewstat, hospital grade disinfectant designed for use on all hard non-porous surfaces such as floors, walls, counters, metal surfaces, stainless steel, glazed porcelain and plastic surfaces. Q-128 is a broad spectrum disinfectant effective against bacteria, viruses, fungi, mold and mildew. Because of its neutral pH it is excellent for use on floors, disinfects without removing or dulling finish gloss.

### FEATURES:

#### EPA Registered:

Q-128 is effective against a broad spectrum of bacteria. It is virucidal (including HIV-1) and fungicidal. Inhibits the growth of mold and mildew and their odors when used as directed. Safe for use on all floor polishes. It will not dull or remove finish. Effective against a variety of animal related pathogens and is excellent for use in veterinary clinics, animal shops, kennels and more.

#### Effective Cleaner/Disinfectant:

It is effective in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC use-dilution test.

#### Reduces Labor:

Specially formulated detergent system provides excellent wetting penetration and removal of soils. Leaves surfaces clean. No streaks or hazing.

### PRODUCT SPECIFICATIONS:

pH (concentrate)	7.7 ± 0.5
pH (diluted 1:128)	7.7 ± 0.5
Appearance	Green Liquid
Fragrance	Quat/Alpine
Solubility in Water	Complete
Flash Point	None

### ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride	4.85%
n-Alkyl (C <sub>12</sub> 50%, C <sub>14</sub> 40%, C <sub>16</sub> 10%) dimethyl benzyl ammonium chloride	3.23%
Other Ingredients	91.92%
TOTAL	100.00%

### EPA REGISTERED:

EPA Reg. No. 47371-130-1124

EPA Est. No. 62511-KS-1

DILUTIONS	HEALTH	FLAMMABILITY	REACTIVITY
CONCENTRATE	3	3	1
(1:128 RATIO)	3	3	1
(1:128 RATIO)	3	3	1
PROPORCIÓN	SALUD	INFLAMABILIDAD	REACTIVIDAD

Minimal	Slight	Moderate	Serious	Severe
Minor	Minor	Minor	Minor	Minor

# Q-128 One-Step Germicidal Detergent and Deodorant

**Q-128**

## DIRECTIONS FOR USE

Recommended for use in hospitals, nursing homes, schools, colleges, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, federally inspected meat and poultry establishments, equine farms, tack shops, pet shops, airports, kennels, hotels, motels, breeding and grooming establishments, funeral homes and households. Disinfects, cleans, and deodorizes the following hard nonporous inanimate surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, and plastic surfaces (such as polypropylene, polystyrene, etc.).

**DISINFECTION:** Remove heavy soil deposits from surface. Then thoroughly wet surface with a solution of 1 ounce of the concentrate per gallon of water. The solution can be applied with a cloth, mop, sponge, or coarse spray, or soaking. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Food contact surfaces must be thoroughly rinsed with potable water. This product must not be used to clean the following food contact surfaces: utensils, glassware and dishes. Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

**MILDEWSTATIC INSTRUCTIONS:** Will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard, non-porous surfaces such as walls, floors, and table tops. Apply solution (1 ounce per gallon of water) with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

**USDA Rated C1:** For use in federally inspected meat and poultry plants on all hard, non-porous surfaces in inedible product processing areas, non-processing areas and exterior areas.

## FIRST AID:

In case of contact, immediately flush with plenty of water for at least 15 minutes. For eyes or skin, call a physician. If swallowed, call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

## HANDLING AND STORAGE:

Keep product under locked storage, inaccessible to children. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**PESTICIDE DISPOSAL:** 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. **KEEP OUT OF REACH OF CHILDREN.**

## PERSONAL PROTECTION:

**Respiratory Protection:** Not needed under normal conditions.

**Ventilation:** Use with adequate ventilation.

**Eye Protection:** Safety glasses are required.

**Protective Gloves:** Protective gloves are required.

**Other Protective Clothing or Equipment:** Wear clothing as necessary to prevent skin contact.



## TRANSPORTATION INFORMATION:

**ONE GALLON OR SMALLER:**

Consumer Commodity, ORM-D

**LARGER THAN ONE GALLON:**

**U.S. DOT - Proper Shipping Name:** Disinfectant, Corrosive Liquid, N.O.S. (Quaternary Ammonium Chlorides)

**Hazard Class:** 8

**ID Number:** UN1903

**Packing Group:** III

**Marine Pollutant:** No

MSDS FAX RETRIEVAL  
Read MSDS before using this product  
**800-551-0101**  
OBTENCIÓN DE HDSM POR FAX  
Leer la HDSM antes de utilizar este producto

FOR CHEMICAL EMERGENCY  
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT  
CALL CHEMTREC DAY OR NIGHT  
**800-424-9300**  
PARA EMERGENCIAS QUÍMICAS DERRAMES,  
ESCAPES, FUEGO, EXPOSICIÓN O ACCIDENTE  
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**LINEA DE TÉCNICA**