

Issue Date 28-May-2015

Revision Date 28-May-2015



HMIS	
Health hazard	3
Flammability	1
Physical Hazard	0
Personal Protection	B

1. IDENTIFICATION

Product identifier

Product Name **Pro-Q 128**

Other means of identification

Product Code 2605-00
 Synonym(s) None
 Registration Number(s) EPA Registration Number 47371-130-34810

Recommended use of the chemical and restrictions on use

Recommended Use Hard surface disinfectant cleaner. This product is intended to be diluted prior to use.
 Uses advised against Do not mix with other chemicals

Details of the supplier of the safety data sheet

Supplier Name/Address 325 Leffingwell Avenue Kirkwood, MO 63122	Manufacturer Name/Address 325 Leffingwell Avenue Kirkwood, MO 63122
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Emergency telephone number

Company Phone Number: 314-966-4134
 US Toll-free: 800-506-1146
 24 Hour Emergency Phone Number: Chemtrec 800-429-9300
 Emergency Telephone: Chemtrec 24-Hour U.S. Number: (800) 424-9300
 Chemtrec 24-Hour International Number: +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: May be harmful if swallowed.
SKIN CONTACT: Causes severe skin irritation.
INHALATION: May be harmful if inhaled.
EYE CONTACT: Corrosive. Causes permanent eye damage.
CHRONIC EFFECTS: None known.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	Weight-%	CAS No.	TWA/TLV
N,N-Didecyl-N, N-dimethylammonium chloride	4.85	7173-51-5	None established
N-Alkyl(C12-16)-N, N-dimethyl-N-benzylammonium chloride	3.23	8001-54-5	None established
N,N-Dimethyl-1-octylamine-N-oxide	1.6	2605-78-9	None established
Ethylenediaminetetraacetic acid, trisodium salt	1.86	150-38-9	None established
Ethanol	1.6	64-17-5	1000 ppm (OSHA-PEL) 1000 ppm (ACGIH-TWA)

4. FIRST AID MEASURES

Description of first aid measures

Eye contact:

In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin contact:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.

Inhalation:

Move person to fresh air. If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion:

Rinse mouth; then drink one or two large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Self-protection of the first aider:

Avoid contact with skin, eyes or clothing.

Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point (F): >200°F
Method: Closed Cup

Products of combustion: These products are halogenated compounds, hydrogen chloride.

Firefighting media and instructions:

In case of fire, use water spray (fog), foam, dry chemicals, or CO₂.

Dike area of fire to prevent product run-off. Combustible liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Special protective equipment for fire-fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Do not touch or walk through spilled material.

Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up:

If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling

Conditions for safe storage, including any incompatibilities

Storage Conditions

Do not contaminate water, food, or feed by storage or disposal. Keep upright with cap tightly closed. Store in original container in areas inaccessible to children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls:	None known
Respiratory Protection:	None known
Protective Gloves:	Rubber gloves
Eye Protection:	Safety glasses
Other Personal Protection Equipment:	Appropriate protective clothing as needed to prevent skin contact.
Ventilation:	None known
General Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH	7.2 – 8.2	Color	Clear (color depends on optional dye added)
Physical State	Liquid	Appearance	Clear Liquid (color depends on optional dye added)
Specific Gravity	1.0	Odor	Varies with fragrance added (if any)
Flash Point	> 200°F	Water solubility	Completely soluble
Boiling Point	Not known	VOC Content (%)	No information available

10. STABILITY AND REACTIVITY

Chemical stability

The product is stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

None known.

Incompatible materials

Strong oxidizing or reducing agents.

Hazardous Decomposition Products

Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

Eyes:	Corrosive to eyes
Skin:	Corrosive to the skin.
Inhalation:	Severely irritating to the respiratory system.
Ingestion:	Harmful if swallowed. Causes burns to mouth, throat and stomach.

No toxicity information available for this product. The toxicity information provided below is for closely related products:

ACUTE**For an alkaline formulation containing 3.8% active quat:**

Oral LD50 (rat): 1850 mg/kg
 Dermal LD50 (rabbit): 4430 mg/kg
 Eye irritation (rabbit – 1:64 aqueous dilution): Essentially non-irritating
 Skin irritation (rabbit – 1:64 dilution): Non-irritant

For an alkaline formulation with 4.0% active quat:

Eye irritation (rabbit): Severe eye irritant, with or without washing.

For an alkaline formulation with 5.5% active quat:

Skin corrosivity (DOT method): Not corrosive

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not reported

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods:**

Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.

Container Disposal:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION

DOT Not regulated
 TDG Not regulated
 IATA Not regulated
 IMDG Not regulated

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

15. REGULATORY INFORMATION

HCS Classification: Corrosive material

U.S. Federal regulations:

TSCA 8(b) inventory: All components are listed or exempted.
 EPA Registration No.: 47371-130-34810
 SARA 302/304/311/312 extremely hazardous substances: No listed substance
 SARA 302/304 emergency planning and notification: No listed substance
 Sara 313 Form R – Reporting: No listed substance

California Prop 65:

No listed substance

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 3	Flammability 1	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 3	Flammability 1	Physical hazards 0	Personal protection B

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