

## CONQUEST #31 Q-SAN

**1. Product and Company Identification**

**Product Code:** 4604  
**Product Name:** CONQUEST #31 Q-SAN

**Revision:** 04/20/2023  
**Supersedes Revision:** 05/30/2017

**Manufacturer Information:** PDQ Manufacturing, Inc.  
201 Victory Circle  
Ellijay, GA 30540

**Phone Number:**  
(706)636-1848

**Web site address:** www.pdqonline.com

**Emergency Contact:** Chemtrec (800)424-9300 / 24 Hr.  
Leak, Spill, Exposure, Fire, Accident

**Supplier Name and Address:**

**Phone Number:**

**2. Hazards Identification**

**Corrosive To Metals, Category 1**

**Acute Toxicity: Oral, Category 4**

**Skin Corrosion/Irritation, Category 1B**

**Serious Eye Damage/Eye Irritation, Category 1**

**Aquatic Toxicity (Acute), Category 2**



**GHS Signal Word:**

**Danger**

**GHS Hazard Phrases:**

H290 - May be corrosive to metals.  
H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.  
H401 - Toxic to aquatic life.

**GHS Precaution Phrases:**

P234 - Keep only in original container.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves and eye protection.

**GHS Response Phrases:**

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P321 - Specific treatment see section 4 of this SDS.  
P330 - Rinse mouth.

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|                                                      |                                                                                            |
|------------------------------------------------------|--------------------------------------------------------------------------------------------|
|                                                      | P363 - Wash contaminated clothing before reuse.                                            |
|                                                      | P390 - Absorb spillage to prevent material damage.                                         |
| <b>GHS Storage and Disposal Phrases:</b>             | P405 - Store locked up.                                                                    |
|                                                      | P501 - Dispose of contents/container via local/regional/national/international regulation. |
| <b>Potential Health Effects (Acute and Chronic):</b> | Harmful if swallowed. Causes severe skin burns and eye damage. Toxic to aquatic life.      |
| <b>Inhalation:</b>                                   | Harmful if inhaled.                                                                        |
| <b>Skin Contact:</b>                                 | Contact may cause burns to skin and eyes.                                                  |
| <b>Eye Contact:</b>                                  | Contact may cause burns to skin and eyes.                                                  |
| <b>Ingestion:</b>                                    | Ingestion of large amounts may cause gastrointestinal irritation.                          |

### 3. Composition/Information on Ingredients

| CAS #      | Hazardous Components (Chemical Name)                                                  | Concentration |
|------------|---------------------------------------------------------------------------------------|---------------|
| 68424-85-1 | Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides                 | 1.6 -4.8 %    |
| 32426-11-2 | 1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride} | 0.8 -2.4 %    |
| 7173-51-5  | 1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride                                       | 0.8 -2.4 %    |
| 5538-94-3  | 1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride                                       | 0.8 -2.4 %    |
| 64-17-5    | Ethyl alcohol {Ethanol}                                                               | 0.5 -1.5 %    |

### 4. First Aid Measures

#### Emergency and First Aid

##### Procedures:

|                                 |                                                                                                                                                                                                                          |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>In Case of Inhalation:</b>   | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.                                                                       |
| <b>In Case of Skin Contact:</b> | IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Call a POISON CENTER or doctor/physician.                            |
| <b>In Case of Eye Contact:</b>  | Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician. |
| <b>In Case of Ingestion:</b>    | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.                                                                                                                             |

### 5. Fire Fighting Measures

|                                          |                                                                                                                                                                                                                     |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flash Pt:</b>                         | 0.00 F                                                                                                                                                                                                              |
| <b>Explosive Limits:</b>                 | LEL: No data. UEL: No data.                                                                                                                                                                                         |
| <b>Autoignition Pt:</b>                  | No data.                                                                                                                                                                                                            |
| <b>Suitable Extinguishing Media:</b>     | Water spray, fog or alcohol-resistant foam.                                                                                                                                                                         |
| <b>Fire Fighting Instructions:</b>       | Containers can build up pressure if exposed to heat (fire). Runoff from fire control or dilution water may cause pollution. Water runoff can cause environmental damage. Dike and collect water used to fight fire. |
| <b>Flammable Properties and Hazards:</b> | No data available.                                                                                                                                                                                                  |

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**6. Accidental Release Measures****Protective Precautions,  
Protective Equipment and  
Emergency Procedures:**

For personal protection see section 8. Impervious gloves. Chemical safety goggles.  
Chemical resistant boots.

**Environmental Precautions:**

Do not discharge directly into the environment or into the sewer system. Avoid spillage reaches watercourses and sewerage systems.

**Steps To Be Taken In Case  
Material Is Released Or  
Spilled:**

Evacuate personnel to safe areas. Avoid contact with eyes, skin, and clothing.

**7. Handling and Storage****Precautions To Be Taken in  
Handling:**

Do not ingest or inhale. Do not get in eyes, on skin or clothing. Do not breathe dust, mist, or vapor. Wash thoroughly after handling.

**Precautions To Be Taken in  
Storing:**

Store in original container. Keep out of reach of children.

**8. Exposure Controls/Personal Protection**

| CAS #      | Partial Chemical Name                                                                 | OSHA TWA      | ACGIH TWA     | Other Limits |
|------------|---------------------------------------------------------------------------------------|---------------|---------------|--------------|
| 68424-85-1 | Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides                 | No data.      | No data.      | No data.     |
| 32426-11-2 | 1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride} | No data.      | No data.      | No data.     |
| 7173-51-5  | 1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride                                       | No data.      | No data.      | No data.     |
| 5538-94-3  | 1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride                                       | No data.      | No data.      | No data.     |
| 64-17-5    | Ethyl alcohol {Ethanol}                                                               | PEL: 1000 ppm | TLV: 1000 ppm | No data.     |

**Respiratory Equipment  
(Specify Type):**

Respirator protection is not normally required.

**Eye Protection:**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:**

Use of gloves is recommended.

**Other Protective Clothing:**

Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls  
(Ventilation etc.):**

Use with adequate ventilation. Safety shower and eye bath.

**Work/Hygienic/Maintenance  
Practices:**

Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse.

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**9. Physical and Chemical Properties**

**Physical States:** ☐ Gas ☒ Liquid ☐ Solid

**Appearance and Odor:** Clear, dark red liquid  
sweetish odor.

**Freezing Point:** ~ 0.00 C

**Boiling Point:** ~ 100.00 C

**Decomposition Temperature:** NA

**Autoignition Pt:** No data.

**Flash Pt:** 0.00 F

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** 0.979 - 0.999 at 20.0 C

**Vapor Pressure (vs. Air or mm Hg):** 17.5 MM\_HG at 20.0 C

**Vapor Density (vs. Air = 1):** NA

**Evaporation Rate:** ~ 1 (H2O=1)

**Solubility in Water:** Complete

**Saturated Vapor Concentration:** NA

**Viscosity:** Water thin

**pH:** 5.0 - 6.2

**Percent Volatile:** > 85.0 % by weight.

**VOC / Volume:** 0.0000 G/L

**10. Stability and Reactivity**

**Stability:** Unstable ☐ Stable ☒

**Conditions To Avoid - Instability:** Avoid contact with acids, reducing agents, oxidizers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds.

**Incompatibility - Materials To Avoid:** Chlorine Bleach.

**Hazardous Decomposition or Byproducts:** hydrogen chloride. Carbon dioxide, Carbon monoxide, nitrogen oxides.

**Possibility of Hazardous Reactions:** Will occur ☐ Will not occur ☒

**Conditions To Avoid - Hazardous Reactions:** No data available.

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## 11. Toxicological Information

**Toxicological Information:** No data available.

| CAS #      | Hazardous Components (Chemical Name)                                                  | NTP  | IARC | ACGIH | OSHA |
|------------|---------------------------------------------------------------------------------------|------|------|-------|------|
| 68424-85-1 | Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides                  | n.a. | n.a. | n.a.  | n.a. |
| 32426-11-2 | 1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride} | n.a. | n.a. | n.a.  | n.a. |
| 7173-51-5  | 1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride                                       | n.a. | n.a. | n.a.  | n.a. |
| 5538-94-3  | 1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride                                       | n.a. | n.a. | n.a.  | n.a. |
| 64-17-5    | Ethyl alcohol {Ethanol}                                                               | n.a. | 1    | A4    | n.a. |

## 12. Ecological Information

**General Ecological Information:** Toxic to aquatic life.

## 13. Disposal Considerations

**Waste Disposal Method:** Avoid release to the environment. Avoid spillage reaches watercourses and sewerage systems. Keep only in original container. Observe all federal, state, and local environmental regulations. Dispose of contents/container to trash after rinsing container.

## 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Disinfectants, liquid, corrosive n.o.s.  
(May be shipped as Disinfectants, liquid, corrosive n.o.s.  
Limited Quantity for shipments of less than 5 liters per container)

**DOT Hazard Class:** 8 CORROSIVE**UN/NA Number:** UN1903**Packing Group:** III

## 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

| CAS #      | Hazardous Components (Chemical Name)                                                  | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|---------------------------------------------------------------------------------------|--------------|-----------|--------------|
| 68424-85-1 | Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides                  | No           | No        | No           |
| 32426-11-2 | 1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride} | No           | No        | No           |
| 7173-51-5  | 1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride                                       | No           | No        | No           |
| 5538-94-3  | 1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride                                       | No           | No        | No           |
| 64-17-5    | Ethyl alcohol {Ethanol}                                                               | No           | No        | No           |

**CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists**

|            |                                                                                       |                                                                               |
|------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 68424-85-1 | Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides                  | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No |
| 32426-11-2 | 1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride} | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No         |

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|           |                                                 |                                                                       |
|-----------|-------------------------------------------------|-----------------------------------------------------------------------|
| 7173-51-5 | 1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |
| 5538-94-3 | 1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |
| 64-17-5   | Ethyl alcohol {Ethanol}                         | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |

## 16. Other Information

**Revision Date:** 04/20/2023  
**Preparer Name:** Regulatory Affairs

**Hazard Rating System:**

|              |   |
|--------------|---|
| HEALTH       | 2 |
| FLAMMABILITY | 0 |
| REACTIVITY   | 0 |
| PPE          | B |

**HMIS:**

**Additional Information About This Product:** No data available.

**Company Policy or**

**Disclaimer:**

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.