

SAFETY DATA SHEET

Date Issued: 06-25-2015

Supersedes: 05-28-2015

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Power Q™
Product Number: BPR0482QM-A
Brand: Brighton Professional™
Recommended use: Disinfectant cleaner
Uses advised against: Uses other than those identified on the product label are not recommended.
Supplier Name: Staples Contract & Commercial, Inc.
Supplier Address: 500 Staples Drive
 Framingham MA 01702 USA
Supplier Phone Number: 1-888-322-0912
SDS Internet Address: <http://sds.staples.com>
Emergency telephone number: 1-888-322-0912

2. HAZARDS IDENTIFICATION

Classification for the Undiluted Product

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

GHS Label elements, including precautionary statements

Emergency Overview:



Signal word: Danger
Hazard Statements: Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Precautionary Statements – Prevention: Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves. Wear eye/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.
Precautionary Statements – Storage: Store away from incompatible materials.
Precautionary Statements – Disposal: Dispose of contents/container in accordance with local/regional/national regulations.
Hazards not otherwise classified (HNOC): None Known.
Other information: Not applicable.

Interactions with Other Chemicals: None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Alcohol ethoxylate	Trade secret	1 - 5
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0 (or 68956-79-6)	0.80
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	0.80

Balance is water and similar non-hazardous ingredients. Contains fragrance.

4. FIRST AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Seek immediate medical attention/advice.

Skin Contact: Wash off immediately with soap and plenty of water for at least 15 minutes. Call a physician immediately.

Inhalation: Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. Call a physician immediately.

Ingestion: Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Self-protection of the first aider: First aider needs to protect himself. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most Important Symptoms and Effects: may include stinging, tearing, redness, swelling, and blurred vision. May cause redness and pain.

Notes to Physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, dry chemical powder, Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as a extinguisher, as this will spread the fire.

Specific Hazards Arising from the Chemical: Heating or fire can release toxic gas.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary personnel away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation.

Environmental Precautions: Avoid release to the environment. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so.

Methods for containment and cleaning up: Stop the flow of material, if safe to do so. Dike large spills. Absorb in vermiculite, dry sand or earth and place into containers. Wipe up small spills with absorbent material and clean surface thoroughly. Never return spills to original containers for re-use. Do not discharge effluent into sewer systems, ground or public waterways.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes or clothing. Avoid prolonged exposure. Provide adequate ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash

before reuse. Handle in accordance with good industrial hygiene and safety practice.

Storage: Store in a dry place no lower in temperature than 50 °F or higher than 120°F. Store in area inaccessible to children. Do not contaminate water, food or feed by storage and disposal. Store away from incompatible material.

Incompatible Products: Strong oxidizing agents. Anionic surfactants.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No established exposure limits noted for ingredients.

Engineering Measures: General ventilation normally adequate.

Eye / Face Protection: Wear safety glasses with side shields (or goggles).or a face shield.

Skin and Body Protection: Wear chemical resistant gloves and protective clothing.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Wash hands after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Appearance: Liquid

Color: Blue-green

Odor:

Lemon

Odor Threshold:

No information available

Property

pH (as is)

Values

11 - 12

Melting / freezing point

No data available

Boiling point /boiling range

> 212 °F

Flash Point

> 201 °F

Evaporation Rate

No data available

Flammability

No data available

Lower flammability limit

No data available

Vapor density

Heavier than air

Specific Gravity

No data available

Water Solubility

Soluble

Solubility in other solvents

No data available

Partition coefficient: n-octanol/water

No data available

Autoignition temperature

No data available

Decomposition temperature

No data available

Kinematic viscosity

No data available

Dynamic viscosity

No data available

Explosive properties

No data available

Softening Point

No data available

Particle Size

No data available

Particle Size Distribution

No data available

10. STABILITY AND REACTIVITY

Reactivity

Non-reactive under normal conditions of sue, storage and transport.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

None known based on information supplied.

Incompatible Materials

Strong acids. Strong bases. Strong oxidizing agents.

Hazardous Decomposition Products

Nitrogen, ammonia, carbon dioxide, carbon monoxide, low weight hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Acute toxicity: Acute oral toxicity (LD50): > 5 g/kg (Rat)
Acute dermal toxicity (LD5): > 5 g/kg (Rabbit)

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye damage.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization Not expected to cause skin sensitization.
Mutagenic Effects No information available.
Carcinogenicity Contains no ingredient listed as a carcinogen.
Reproductive Toxicity Not expected to cause reproductive or developmental effects.
STOT - single exposure Not applicable.
STOT - repeated exposure Not applicable.
Chronic Toxicity Not applicable.
Target Organ Effects Not applicable.
Aspiration Hazard Not likely, due to the form of the product.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical Name / CAS	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium carbonate 497-19-8	-	96h LC50: = 300 mg/L (Lepomis macrochirus)	-	48 hr EC50 = 156.6 – 298.9 mg/l (Ceriodaphnia dubia)

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by disposal.

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 directions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

14. TRANSPORT INFORMATION

24-HR EMERGENCY PHONE: 1-888-322-0912

DOT: Not regulated

Marine pollutant

15. REGULATORY INFORMATION

FIFRA: This product is a US EPA Registered pesticide, EPA Reg. No. 1839-101-86226, and is subject to certain labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide products. Following is the hazard information as required on the pesticide label:

Signal word: Danger
Hazard statement: Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

1,4-dioxane #123-91-1 <0.1% (by wt)
 Acetaldehyde #75-07-0 <0.1% (by wt)

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

California Proposition 65

This product contains a substance known to the State of California to cause cancer:

1,4-dioxane #123-91-1
 Acetaldehyde #75-07-0

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

TSCA: Disinfectants are exempt from TSCA inventory listing.

16. OTHER INFORMATION

Prepared By: Regulatory Specialist, Staples Brand Group, (508) 253-5000

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Staples at 1-888-322-0912 or visit our website at www.staplesadvantage.com. Keep Safety Data Sheets filed and organized in an area accessible to workers according to all applicable regulations.

All information contained in this SDS is provided to the best of Staples Contract & Commercial Inc.'s knowledge. No warranty is made with respect to this information expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the SDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this SDS.