

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
POWER POUCH DISINFECTANT / 2315
JULY 2012
PAGE 1

	Conc.	Diluted
HEALTH	2	1
FIRE	0	0
REACTIVITY	0	0
P.P.E.		

E.P.A. REG #: 10324-108-3640

SECTION 1 – Chemical and Company Identification**PRODUCT NAME:** Power Pouch Disinfectant**SECTION 2 – Composition on Ingredients**

CHEMICAL IDENTIFICATION	CAS #	HAZARD	PEL (ppm)	TLV (ppm)	%(OPTIONAL)
Ethoxylated nonylphenol	9016-45-9	Irritant		N/D	9 -12
Alkyl dimethyl benzyl ammonium chloride (C12-C16)	68424-85-1	Irritant		N/D	7 - 9
Octyl decyl dimethyl ammonium chloride	32426-11-2	Irritant		N/D	6 - 8
Diocetyl dimethyl ammonium chloride	5538-94-3	Irritant		N/D	3 - 4
Didecyl dimethyl ammonium chloride	7173-51-5	Irritant		N/D	3 - 4
Tetrasodium ethylenediamine tetraacetate	64-02-8	Irritant		N/D	3 - 4

SARA Section 313 Title III Notification Required: NO

SECTION 3 – Hazards Information**HEALTH HAZARDS (Acute and Chronic):** Corrosive to the eyes, skin, gastrointestinal tract, and respiratory system.

SIGNS AND SYMPTOMS OF EXPOSURE: **Eyes:** Causes burns and may result in permanent injury to eyes including blindness. **Skin:** Causes corrosive burns. Brief exposures may cause irritation and defatting of the skin. Exposures not promptly washed off may lead to toxic effects similar to ingestion. Harmful if absorbed through skin. **Inhalation:** Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness. Harmful if inhaled. **Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting, and diarrhea and possibly death. Harmful if swallowed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No data available**CARCINOGENICITY:** IARC MONOGRAPHS: NO **NTP:** NO **OSHA REGULATED:** NO**SECTION 4 – First Aid Measures****EMERGENCY AND FIRST AID PROCEDURES:**

- EYES:** Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.
- SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- INHALATION:** If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
- INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5 – Fire Fighting Measures**FLASH POINT AND METHOD:** Over 210° F (over 99° C)**FLAMMABLE LIMITS:** LEL: N/D UEL: N/D**EXTINGUISHING MEDIA:** CO2, water fog, dry chemical, foam

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray. Solid water streams may spread burning liquid.

UNUSUAL FIRE & EXPLOSION HAZARDS: Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Stay upwind. Keep out of low areas where vapors may accumulate. Isolate spill or leak area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. **Large spills:** Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

SECTION 7 – Handling and Storage

Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques. Avoid contact with skin and eyes.

SECTION 8 – Exposure Controls/Personal Protection

- VENTILATION:** Mechanical (explosion proof): Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure below exposure limits.
- SKIN PROTECTION:** Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.
- EYE PROTECTION:** Wear chemical goggles. Use a face shield if splashing is possible.
- RESPIRATORY PROTECTION:** If exposure limits are exceeded or if irritation is experienced, an organic-vapor removing cartridge with a pre-filter respiratory (MSHA/NIOSH approved) protection should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.
- OTHER PRECAUTIONS:** Eye wash fountain and emergency showers are recommended. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

SECTION 9 – Physical and Chemical Properties**APPEARANCE AND ODOR:** Clear light red liquid, fresh scent**SOLUBILITY IN WATER:** Complete

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.
NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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BOILING POINT: N/D
VAPOR PRESSURE (mmHg): N/D
pH (1:256 Dilution): 7.0 – 8.5
EVAPORATION RATE (Butyl Acetate=1): N/D

MELTING POINT: N/A
VAPOR DENSITY (Air=1): N/D
SPECIFIC GRAVITY: 1.018
pH (concentrate): 8.0- 8.6

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SECTION 16 – Other Information

This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Pro Chem, Inc. makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.

SECTION 10 – Stability and Reactivity

CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Keep away from heat and strong oxidizing agents.
INCOMPATIBILITY (materials to avoid): Strong oxidizing agents (may result in fire), reducing agents
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION/BY-PRODUCTS: Carbon monoxide, carbon dioxide, and toxic hydrogen chloride vapors.

SECTION 11 – Toxicological Information

TOXICITY: Acute Oral LD50 – male and female rats combined 809 mg/kg body weight
Acute Dermal – Greater than 2g/kg body weight
Primary Skin – Corrosive – Rabbits Tox. Category I for dermal effect
Primary Eye – Corrosive – Rabbits Tox. Category I
Very toxic to aquatic organisms. Information available upon request.
Ingestion of ethanol by pregnant women can cause reproductive toxicity to the fetus.

STATE RIGHT-TO-KNOW: Alkyl (C12-C16) dimethyl benzyl ammonium chloride, octyl decyl dimethyl ammonium chloride, dioctyl dimethyl ammonium chloride, didecyl dimethyl ammonium chloride, ethanol.

CALIFORNIA PROPOSITION 65: Benzyl chloride (trace impurity) <10ppm

SARA 311/312 (40 CFR 370) HAZARDS CATEGORIES: Fire, Acute(Immediate)

EPA CERCLA RQ: No ingredients listed in this section.

PERSONAL PROTECTION: safety glasses, gloves

All ingredients are listed on the TSCA inventory.

SECTION 12 – Ecological Information

No data available.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL: Although not considered a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment. Unused product or its solutions may be poured down the drain.

SECTION 14 – Transport Information

D.O.T. HAZARD CLASS: None
D.O.T. SHIPPING NAME: Disinfectant, NOI, liquid. Item 57100, Sub 3. Class 85

SECTION 15 – Regulatory Information

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