

SAFETY DATA SHEET

POWER SUDS

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 01/11/2015 / Supersedes Revision: n/a

Manufacturer:

PDQ Manufacturing, Inc.
201 Victory Circle
Ellijay, GA USA 30540
Phone: (706) 636-1848
Website: www.pdqonline.com

Distributor:

PROCLEAN SYSTEMS/SWISHER HYGIENE
P. O. BOX 472528
CHARLOTTE, NC 28247
800/338-8652

EMERGENCY CONTACT: Chemtrec, Reference CCN203605

Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

Product Name: POWER SUDS

ID Code: 4349

Product Category: Neutral Detergent

SECTION 2: HAZARD(S) IDENTIFICATION

Acute Toxicity: Oral, Category 5

GHS Signal Word: WARNING

GHS Hazard Phrases:

H303 - May be harmful if swallowed.

GHS Precaution Phrases: N/A

GHS Response Phrases:

P301+312 - IF SWALLOWED: Call a poison center or doctor/physician if you feel unwell.

P330 - Rinse mouth.

GHS Storage and Disposal Phrases: N/A.

Hazard Rating System:

HMS

Health: 1

Flammability: 0

Physical: 0

PPE: A

Potential Health Effects (Acute and Chronic): Prolonged or repeated skin contact may cause defatting and dermatitis.

Chronic: Chronic exposure may cause liver damage.

Inhalation: Low hazard for normal industrial handling.

Skin Contact: May cause skin irritation. May cause an allergic reaction in certain individuals.

Eye Contact: May cause eye irritation.

Ingestion: Low hazard for normal industrial handling. Harmful if swallowed. May cause irritation of the digestive tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	30.0 -40.0 %
68131-39-5	Ethoxylated linear alcohol	15.0 -30.0 %
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	10.0 -18.0 %
7757-82-6	Sodium sulfate	3.0 -8.0 %
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	2.0 -5.0 %
56-81-5	Glycerin {Glycerol}	1.0 -4.0 %
1643-20-5	Dodecyltrimethylamine oxide	1.0 -3.0 %
64-17-5	Ethyl alcohol {Ethanol}	0.4 -0.9 %

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SECTION 4: FIRST-AID MEASURES

Emergency and First Aid Procedures:

In Case of Inhalation: Remove victim to fresh air. Consult a physician.

In Case of Skin Contact: Get medical aid if irritation develops and persists. Wash off with soap and plenty of water.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Get medical aid if irritation or symptoms occur. Wash out mouth with water provided person is conscious. Call a physician. Rinse mouth with water. Consult a physician.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: NP

Explosive Limits: LEL: UEL:

Autoignition Pt: NP

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Carbon dioxide, dry chemical powder, or appropriate foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Containers may explode in the heat of a fire. Flammable liquid and vapor. May form explosive peroxides. Vapors may be heavier than air. Dusts at sufficient concentrations can form explosive mixtures with air. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.

Flammable Properties and Hazards: CONDITIONS OF FLAMMABILITY: Not flammable or combustible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Environmental precautions. Do not let product enter drains. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions To Be Taken in Handling: Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Avoid ingestion and inhalation. User Exposure:

Precautions To Be Taken in Storing: Store in a cool, dry place. Store in a tightly closed container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}			
68131-39-5	Ethoxylated linear alcohol			
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}			
7757-82-6	Sodium sulfate			
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}			
56-81-5	Glycerin {Glycerol}	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3	
1643-20-5	Dodecyltrimethylamine oxide			
64-17-5	Ethyl alcohol {Ethanol}	PEL: 1000 ppm	TLV: 1000 ppm	

Respiratory Equipment (Specify Type):

Eye Protection: Chemical safety goggles.

Protective Gloves:

Other Protective Clothing: Protective garments not normally required.

Engineering Controls (Ventilation etc.):

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<p>Physical States: <input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid</p> <p>Appearance and Odor: Fragrant odor. Soft pink solid block.</p> <p>Melting Point: 75.00 C</p> <p>Boiling Point: > 150.00 C</p> <p>Autoignition Pt: NP</p> <p>Flash Pt: NP</p> <p>Explosive Limits: LEL: UEL:</p> <p>Specific Gravity (Water = 1): NP</p> <p>Density: 1.138 - 1.149 G/CC at 25.0 C</p>	<p>Vapor Pressure (vs. Air or mm Hg): NP</p> <p>Vapor Density (vs. Air=1): NP</p> <p>Evaporation Rate: NP</p> <p>Solubility in Water: 100%</p> <p>Viscosity: NP</p> <p>pH: 8.0 - 10.5</p> <p>Percent Volatile: < 5.0 % by weight.</p> <p>VOC / Volume: 0.0000 G/L</p>
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SECTION 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. No data available.

Incompatibility – Materials To Avoid: Acids, Strong acids. Strong oxidizing agents

Hazardous Decomposition Or Byproducts: Carbon monoxide, oxides of sulfur, Carbon dioxide, irritating and toxic fumes and gases, sodium oxide. formed under fire conditions. Carbon oxides, nitrogen oxides (NOx).

Possibility of Hazardous Reactions: Will occur Will not occur

Conditions To Avoid -Hazardous Reactions: No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Neurotoxicity: Not regulated under U.S. Department of Transportation regulations (29 CFR) Other Studies: ROUTE OF EXPOSURE: Skin Contact: May cause skin irritation. Eye Contact: May cause eye irritation. Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Ingestion: May be harmful if swallowed.

Irritation or Corrosion: Skin - rabbit - Severe skin irritation. Serious eye damage/eye irritation: Eyes - rabbit - Severe eye irritation.

Sensitization: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. TARGET ORGAN(S) OR SYSTEM(S) Kidneys.

Carcinogenicity/Other Information: CAS# 25155-30-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 95-63-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 68131-39-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 92-71-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1806-34-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 25322-68-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7757-82-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	n.a.	n.a.	n.a.	n.a.
68131-39-5	Ethoxylated linear alcohol	n.a.	n.a.	n.a.	n.a.
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	n.a.	2B	n.a.	n.a.
7757-82-6	Sodium sulfate	n.a.	n.a.	n.a.	n.a.
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	n.a.	n.a.	n.a.	n.a.
56-81-5	Glycerin {Glycerol}	n.a.	n.a.	n.a.	n.a.
1643-20-5	Dodecyldimethylamine oxide	n.a.	n.a.	n.a.	n.a.
64-17-5	Ethyl alcohol {Ethanol}	n.a.	1	A4	n.a.

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SECTION 12: ECOLOGICAL INFORMATION

General Ecological Information: Environmental: Aquatic: Water temperature affects biodegradation. The rate of sodium-C12 linear alkylbenzene sulfonic acids biodegradation in Chesapeake Bay water was max at 25-30 deg C and decreased at lower incubation temperatures. Terrestrial: The adsorption of sodium-C12 linear alkylbenzene sulfonic acids is affected by the type of soil. The affinity of the soil for surfactants competes with microbial attack, slowing biodegradation. (HSDB)
 Physical: No information available. Other: Do not empty into drains. Bioconcentration in aquatic organisms is moderate to high based on BCF values of 31-275, measured in carp. 1,2,4-Trimethylbenzene is expected to photodegrade in natural waters. If released to the atmosphere, 1,2,4-trimethylbenzene will exist solely in the vapor phase in the ambient atmosphere. Vapor-phase 1,2,4-trimethylbenzene is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals and nitrate radicals with half-lives of about 12 hours and 6-30 days, respectively. No information found.
 Physical: No information found. Sodium sulfate may persist indefinitely in the environment, but is not likely to show bioaccumulation or food chain contamination effects. If diluted with water, this chemical released directly or indirectly into the environment is not expected to have a significant impact.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
 RCRA P-Series: None listed. RCRA U-Series: None listed. Empty container may be recycled or disposed of as solid sanitary waste. Do not reuse container. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Product. Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging. Dispose of as unused product.

SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class: **UN/NA Number:**

Packing Group: **TDG Shipping Name:**

SECTION 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)
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No	Yes 1000 LB	No
68131-39-5	Ethoxylated linear alcohol	No	No	No
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	No	No	No
7757-82-6	Sodium sulfate	No	No	No
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	No	No	No
56-81-5	Glycerin {Glycerol}	No	No	No
1643-20-5	Dodecyldimethylamine oxide	No	No	No
64-17-5	Ethyl alcohol {Ethanol}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
68131-39-5	Ethoxylated linear alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
68603-42-9	Cocamide DEA {Amides,coco,N,N-bis(hydroxyethyl)}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes
7757-82-6	Sodium sulfate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
9004-82-4	Sodium lauryl ether sulfate {Sodium laureth sulfate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
56-81-5	Glycerin {Glycerol}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
1643-20-5	Dodecyldimethylamine oxide	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

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SECTION 16: OTHER INFORMATION

Revision Date: 01/11/2015 **Preparer Name:** Regulatory Affairs

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.