

# SAFETY DATA SHEET

## TYPHOON

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 03/11/2015 / 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:** TYPHOON

**ID Code:** 4543

**Product Category:** Neutral Detergent

### SECTION 2: HAZARD(S) IDENTIFICATION

**Acute Toxicity:** Oral, Category 4

**Skin Corrosion/Irritation,** Category 2



**GHS Signal Word:** Warning

**GHS Hazard Phrases:**

H302 - Harmful if swallowed. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do not induce vomiting.

H314 - Causes severe skin burns and eye damage.

H315 - Causes skin irritation.

**GHS Precaution Phrases:**

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:**

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

P302+352 - IF ON SKIN: Wash with plenty of soap and water.

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.

P330 - Rinse mouth.

P332+313 - If skin irritation occurs, get medical advice/attention.

P362 - Take off contaminated clothing and wash before re-use.

P363 - Wash contaminated clothing before reuse.

**GHS Storage and Disposal Phrases:**

P405 - Store locked up.

P501 - Unused product is not a RCRA Hazardous waste. However, contaminated product and wastes may be RCRA hazardous. Users are advised to determine the appropriate disposal method based on local, state and federal regulations and comply with those regulations.

**Hazard Rating System:**

**HMIS**

**Health: 1**

**Flammability: 0**

**Physical: 1**

**PPE: A**

**Potential Health Effects (Acute and Chronic):**

**Inhalation:** May be harmful if inhaled.

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**Skin Contact:** Causes skin irritation.

**Eye Contact:** Causes severe eye irritation.

**Ingestion:** Harmful if swallowed.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	1.0 -5.0 %
68478-94-4	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[[[3-(decyloxy)propyl]methyliminio]di-2,1-ethanediyl]bis	1.0 -5.0 %

### SECTION 4: FIRST-AID MEASURES

**Emergency and First Aid Procedures:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**In Case of Inhalation:** If breathed in, move person into fresh air. No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

**In Case of Skin Contact:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. No specific treatment is necessary, since this material is not likely to be hazardous.

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

**In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Signs and Symptoms Of Exposure:** Burning sensation.

**Note to Physician:**

### SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: NP

**Explosive Limits:**

**Autoignition Pt:**

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Fire Fighting Instructions:** Wear self contained breathing apparatus for fire fighting if necessary. Further information. The product itself does not burn. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

**Flammable Properties and Hazards:**

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Personal precautions. Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Environmental precautions. Do not let product enter drains. Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

### SECTION 7: HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** No special handling procedures are required.

**Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place. No special storage requirements.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt			
68478-94-4	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[[[3-(decyloxy)propyl]methyliminio]di-2,1-ethanediyl]bis			

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required.

**Eye Protection:** Safety glasses.

**Protective Gloves:** Glove protection is not normally required.

**Other Protective Clothing:** Protective garments not normally required.

**Engineering Controls (Ventilation etc.):** There are no special ventilation requirements.

**Work/Hygienic/Maintenance Practices:** 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

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Appearance and Odor:** Clear blue-green liquid  
Fragrant odor.  
**Melting Point:** 1.00 C  
**Boiling Point:** - 100.00 C  
**Autoignition Pt:** NA  
**Flash Pt:** NP  
**Explosive Limits:** LEL: UEL:

**Specific Gravity (Water = 1):**  
**Vapor Pressure (vs. Air or mm Hg):**  
**Vapor Density (vs. Air = 1):**  
**Evaporation Rate:**  
**Solubility in Water:**  
**Percent Volatile:**

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** Excess heat, moist air, Incompatible materials, ignition sources.  
**Incompatibility – Materials To Avoid:** Incompatible with alkalis, sol carbonates, gold and silver salts, lead acetate, lime water, potassium iodide, potassium and sodium tartrate, sodium borate, tannin, vegetable astringent infusions and decoctions. Lead. Tin/tin oxides, Zinc.  
**Hazardous Decomposition Or Byproducts:** formed under fire conditions. Sodium oxides, silicon oxides.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid -Hazardous Reactions:**

### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No data available. Teratogenicity: No data available. Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:  
**Irritation or Corrosion:** Skin - rabbit - Severe skin irritation - -24 h.  
**Carcinogenicity/Other Information:** 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# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	n.a.	n.a.	n.a.	n.a.
68478-94-4	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[[[3-(decyloxy)propyl]methyliminio] di-2,1-etha nediyl]bis	n.a.	n.a.	n.a.	n.a.

### SECTION 12: ECOLOGICAL INFORMATION

**General Ecological Information:** NA

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Product. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging. Dispose of as unused product. 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.

### SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

**LAND TRANSPORT (US DOT): DOT Proper Shipping Name:** Not regulated.  
**DOT Hazard Class:**  
**UN/NA Number:**

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### 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)
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No	No	No
68478-94-4	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[[[3-(decyloxy)propyl]methyliminio] di-2,1-ethanediyl]bis	No	No	No

**CAS #                      Hazardous Components (Chemical Name)**

6834-92-0                      Silicic acid (H<sub>2</sub>SiO<sub>3</sub>), Disodium salt

68478-94-4                      Poly(oxy-1,2-ethanediyl),  
.alpha.,.alpha.'-[[[3-(decyloxy)propyl]methyliminio]  
di-2,1-ethanediyl]bis

**Other US EPA or State Lists**

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -  
Inventory; CA PROP.65: No

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -  
Inventory; CA PROP.65: No

### SECTION 16: OTHER INFORMATION

**Revision Date:** 03/11/2015

**Preparer Name:** Regulatory Affairs

**Additional Information About This Product:**

**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.