

# SAFETY DATA SHEET

## Sparkle NP

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 11/25/2014 / Supersedes Revision: n/a

**Manufacturer:**

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

**Distributor:**

Chemtron, Inc.  
7350-C Lockport Place  
Lorton, VA 22079  
Phone: (703) 550-7772

**EMERGENCY CONTACT:** Chemtrec, Reference CCN203605

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

**Product Name:** Sparkle NP

**ID Code:** 4791

**Product Category:** Alkaline Detergent

### SECTION 2: HAZARD(S) IDENTIFICATION

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

**Serious Eye Damage/Eye Irritation, Category 2A**

**Acute Toxicity: Oral, Category 4**

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

**Aquatic Toxicity (Chronic), Category 4**



**GHS Signal Word: DANGER**

**GHS Hazard Phrases:**

H314 - Causes severe skin burns and eye damage.  
H319 - Causes serious eye irritation.  
H302 - Harmful if swallowed.  
H318 - Causes serious eye damage.  
H413 - May cause long lasting harmful effects to aquatic life.

**GHS Precaution Phrases:**

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.

**GHS Response Phrases:**

P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363 - Wash contaminated clothing before reuse.  
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.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P310 - Immediately call a POISON CENTER/doctor.  
P337+313 - If eye irritation persists, get medical advice/attention.  
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 - Rinse mouth.

**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: 2**  
**Flammability: 0**  
**Physical: 1**  
**PPE: B**

**NFPA**

**Health: 2**  
**Flammability: 0**  
**Instability: 0**  
**Special Hazard: COR**

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

**Inhalation:** Irritation may lead to chemical pneumonitis and pulmonary edema. Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma. Causes chemical burns to the respiratory tract. Harmful if inhaled. May cause respiratory tract irritation. Material is irritating to mucous membranes and upper respiratory tract.

**Skin Contact:** Causes skin burns. May cause deep, penetrating ulcers of the skin. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color. Causes skin irritation. Ingestion can cause burning pain in mouth, throat and abdomen - May be fatal if ingested.

**Eye Contact:** Causes eye burns. May cause chemical conjunctivitis and corneal damage. Lachrymator (substance which increases the flow of tears). Causes severe eye irritation.

**Ingestion:** May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. Causes severe pain, nausea, vomiting, diarrhea, and shock. May cause corrosion and permanent tissue destruction of the esophagus and digestive tract. Harmful if swallowed.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	>50.0 %
2809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid	< 7.0 %

### SECTION 4: FIRST-AID MEASURES

#### Emergency and First Aid Procedures:

**In Case of Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical aid. Remove from exposure and move to fresh air immediately.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

**In Case of Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid immediately. Assure adequate flushing by separating the eyelids with fingers.

**In Case of Ingestion:** Get medical aid immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:**

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:**

**Suitable Extinguishing Media:** Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Do NOT get water inside containers. Suitable: Water spray.

**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. Use water spray to keep fire-exposed containers cool. Use water with caution and in flooding amounts. Contact with moisture or water may generate sufficient heat to ignite nearby combustible materials. Contact with metals may evolve flammable hydrogen gas. Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s):

**Flammable Properties and Hazards:**

### 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. Spills/Leaks: Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Do not get water on spilled substances or inside containers. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Do not let this chemical enter the environment. PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL. Evacuate area. PROCEDURE(S) OF PERSONAL PRECAUTION(S) Methods for cleaning up. Sweep up, place in a bag and hold for waste disposal.

### SECTION 7: HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Wash thoroughly after handling. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes. Use only with adequate ventilation. Do not ingest or inhale. Avoid contact with eyes, skin, and clothing.

**Precautions To Be Taken in Storing:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from metals. Corrosives area. Keep away from acids. Store protected from moisture. Store in a cool, dry place. Suitable:

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	PEL: 2 mg/m3	CEIL: 2 mg/m3	
2809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid			

**Respiratory Equipment (Specify Type):** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.

**Eye Protection:** Wear chemical splash goggles. 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:** Wear appropriate protective gloves to prevent skin exposure. Hand: Compatible chemical-resistant gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Safety shower and eye bath.

**Work/Hygienic/Maintenance Practices:** Wash thoroughly after handling.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:**  Gas  Liquid  Solid

**Appearance and Odor:** Mild odor.

White to off-white solid block

**Melting Point:**

**Boiling Point:**

**Autoignition Pt:**

**Flash Pt:**

**Explosive Limits:** LEL: UEL:

**Specific Gravity (Water = 1):** ~ 1.0

**Vapor Pressure (vs. Air or mm Hg):**

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

**Evaporation Rate:**

**Solubility in Water:** >90%

**Viscosity:**

**pH:** > 11.5

**Percent Volatile:** .

**VOC / Volume:**

### 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. Exposure to moist air or water, Excess heat.

**Incompatibility – Materials To Avoid:** Sulfur oxides. Metals. Acids, Aluminum, Zinc, gelatin, nitromethane, leather, Strong acids. fluorine, Hydrogen peroxide.

**Hazardous Decomposition Or Byproducts:** Toxic fumes of sodium oxide, Carbon monoxide, Carbon dioxide.

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

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

### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicological Information:**

**Carcinogenicity/Other Information:** CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 497-19-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	n.a.	n.a.	n.a.	n.a.
2809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid	n.a.	n.a.	n.a.	n.a.

### SECTION 12: ECOLOGICAL INFORMATION

**General Ecological Information:** Environmental: No data.

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### 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.

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

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Corrosive solid, basic, inorganic, n.o.s. (contains sodium hydroxide)

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN3262

**Packing Group:** II

**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)
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	No	Yes 1000 LB	No
2809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
2809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

### SECTION 16: OTHER INFORMATION

**Revision Date:** 11/25/2014

**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.