

SAFETY DATA SHEET

CONQUEST #21 POWER CLEAN

1. Product and Company Identification

Product Code:	4589	Revision:	04/20/2023
Product Name:	CONQUEST #21 POWER CLEAN	Supersedes Revision: 05/28/20212	
Manufacturer Information:		Phone Number:	
PDQ Manufacturing, Inc.		(706)636-1848	
201 Victory Circle			
Ellijay, GA 30540			
Web site address:	www.pdqonline.com		
Emergency Contact:	Chemtrec (800) 424-9300 / 24 Hr. Leak, Spill, Exposure, Fire, Accident		
Supplier Name and Address:	Phone Number:		

Product Category: Warewash detergent

2. Hazards Identification

Corrosive To Metals, Category 1
Skin Corrosion/Irritation, Category 1A
Serious Eye Damage/Eye Irritation, Category 1



GHS Signal Word:	Danger
GHS Hazard Phrases:	H290 - May be corrosive to metals. H314 - Causes severe skin burns and eye damage. H318 - Causes serious eye damage.
GHS Precautionary Phrases:	P234 - Keep only in original container. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves and eye protection.
GHS Response Phrases:	P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. P321 - Specific treatment see section 4 on this SDS. P363 - Wash contaminated clothing before reuse. P390 - Absorb spillage to prevent material damage.
GHS Storage and Disposal Phrases:	P405 - Store locked up. P501 - Dispose of contents/container to trash after rinsing container.

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(Acute and Chronic):**

Prolonged or repeated skin contact may cause dermatitis.

Inhalation:

Causes chemical burns to the respiratory tract. May be harmful if inhaled. May cause respiratory tract irritation.

Skin Contact:

Causes skin burns.

Eye Contact:

Causes eye burns. May cause chemical conjunctivitis and corneal damage.

Ingestion:

May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	<25.0 %
6419-19-8	Methylene phosphonic acid {Phosphonic acid, nitrilotris(methylene)tris-}	< 5.0 %

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. Consult a physician.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Consult a physician.
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.
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.

5. Fire Fighting Measures**Flash Pt:****Explosive Limits:**

LEL:

UEL:

Autoignition Pt:

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant 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. Material will not burn. Use water spray to keep fire-exposed containers cool. Use water with caution and in flooding amounts.

**Flammable Properties and
Hazards:****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: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Vacuum or sweep up material and place into a suitable disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Do not get water on spilled substances or inside containers. Personal precautions. Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions.

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Do not let product enter drains.

Methods for cleaning up.

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes. Avoid formation of dust and aerosols.

Precautions To Be Taken in Storing: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

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/m ³	CEIL: 2 mg/m ³	
6419-19-8	Methylene phosphonic acid {Phosphonic acid, nitrilotris(methylene)tris-}			
Respiratory Equipment (Specify Type):		Respirator protection is not normally required.		
Eye Protection:		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.		
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.		
Work/Hygienic/Maintenance Practices:		Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.		

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Tan to light brown liquid
Mild odor.

Melting Point:**Boiling Point:****Autoignition Pt:****Flash Pt:**

Explosive Limits: LEL: UEL:

Specific Gravity (Water = 1): ~ 1.2

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Evaporation Rate:

Solubility in Water: Complete

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Viscosity: Thin
pH: > 12.5 @ 1%
Percent Volatile:

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability:
Incompatibility - Materials To Avoid: Acids, Aluminum, Zinc.
Hazardous Decomposition or Byproducts: Toxic fumes of sodium oxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information:

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.
6419-19-8	Methylene phosphonic acid {Phosphonic acid, nitrilotris(methylene)tris-}	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

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. Product.
 Observe all federal, state, and local environmental regulations. 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.
 Contaminated packaging.
 Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s.
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN3266

Packing Group: II



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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 NA	No
6419-19-8	Methylene phosphonic acid {Phosphonic acid, nitrilotris(methylene)tris-}	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
6419-19-8	Methylene phosphonic acid {Phosphonic acid, nitrilotris(methylene)tris-}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 04/20/2023
Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	2
PPE	B

HMIS:

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.