SAFETY DATA SHEET

CONQUEST #36 FLATWARE PRESOAK

1. Product and Company Identification

Product Code: 4300

Product Name: CONQUEST #36 FLATWARE PRESOAK

Revision: 04/20/2023

Supersedes Revision: 05/28/2021

Manufacturer Information: PDQ Manufacturing, Inc.
201 Victory Circle
Ellijay, GA 30540

Phone Number: (706)636-1848

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:

2. Hazards Identification

Skin Corrosion/Irritation, Category 1A
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1

GHS Signal Word: **Danger**

GHS Hazard Phrases:
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.

GHS Precautionary Phrases:
P261 - Avoid breathing mist or spray.
P264 - Wash hands thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/ eye protection.

GHS Response Phrases:
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.
P321 - Specific treatment see section 4.
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases:
P405 - Store locked up.
P501 - Dispose of contents/container to via local/regional/national/internation regulation.

Potential Health Effects (Acute and Chronic): Prolonged or repeated eye contact may cause conjunctivitis.

Prolonged or repeated skin contact may cause dermatitis.

Inhalation: No hazard in normal industrial use.

Skin Contact: Causes severe burns with delayed tissue destruction. Causes redness and pain. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.

Eye Contact: Causes severe eye burns. May cause irreversible eye injury. Contact may cause ulceration of the conjunctiva and cornea.

Ingestion: Harmful if swallowed. Causes gastrointestinal tract burns.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-58-3	Potassium hydroxide {Caustic potash}	3.0 -10.0 %
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}	1.0 -4.0 %
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco	1.0 -3.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing becomes difficult, call 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. If skin irritation occurs, get medical advice/attention.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do NOT allow victim to rub eyes or keep eyes closed. Get medical aid.

In Case of Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Note to Physician: None known.

5. Fire Fighting Measures

Flash Pt: NP

Explosive Limits: LEL: N.A. UEL: N.A.

Autoignition Pt: NP

Suitable Extinguishing Media: Use extinguishing media appropriate to surrounding fire conditions.

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards:

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6. Accidental Release Measures

Environmental Precautions: Avoid release to the environment.

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. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Do not let this chemical enter the environment.

7. Handling and Storage

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

Precautions To Be Taken in Storing: Keep container closed when not in use.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-58-3	Potassium hydroxide {Caustic potash}		CEIL: 2 mg/m3	
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}		TLV: 5 mg/m3	
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norco co			

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.): There are no special ventilation requirements. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. Physical and Chemical Properties

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

Appearance and Odor: Clear green liquid
None to mild odor.

Freezing Point: - 0.00 C

Boiling Point: > 100.00 C - 0.00 C

Decomposition Temperature: Unknown

Autoignition Pt: NP

Flash Pt: NP

Explosive Limits: LEL: N.A. UEL: N.A.

Specific Gravity (Water = 1): 1.081 - 1.103 at 25.0 C

Vapor Pressure (vs. Air or mm Hg): NP
Vapor Density (vs. Air = 1): NA
Evaporation Rate: > 1 (H2O=1)
Solubility in Water: Complete
Saturated Vapor Concentration: NP
Viscosity: NP
pH: > 12.0
Percent Volatile: < 90.0 % by weight.
VOC / Volume: 0.0000 G/L

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]
Conditions To Avoid - Instability: Avoid contact with acids, reducing agents, oxidizers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds.
Incompatibility - Materials To Avoid: Acids, Aluminum, Copper, Copper alloys, Zinc.
Hazardous Decomposition or Byproducts: Oxides of potassium, hydrogen gas. Nitrogen oxides, Carbon monoxide.
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
1310-58-3	Potassium hydroxide {Caustic potash}	n.a.	n.a.	n.a.	n.a.
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}	n.a.	3	n.a.	n.a.
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco	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.

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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

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)
1310-58-3	Potassium hydroxide {Caustic potash}	No	Yes NA	No
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}	No	No	No
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-58-3	Potassium hydroxide {Caustic potash}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; CA PROP.65: No
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco	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:

HMIS:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PPE	B

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.