



Safety Data Sheet

Section 1 - Product Information

Product Name: Powercon Alkaline Detergent Concentrate		Supplier:	Getinge USA, Inc.
Product Code Number: 697N	Information Phone: 1-800-475-9040		Address: 1777 East Henrietta Road Rochester, NY 14623
Product use: Alkaline Instrument Detergent	Emergency Contact: CHEMTREC 800-424-9300		

Section 2 - Hazard Identification

<p>GHS Classification: Corrosive to metals - Category 1, Skin Corrosive - Category 1B, Eye Damage - Category 1, Oral toxicity - Category 4</p> <p>Signal Word: DANGER</p> <p style="text-align: center;">Hazard Statements</p> <p>Causes severe skin burns and eye damage. May be corrosive to metals. Harmful if swallowed.</p> <div style="display: flex; justify-content: center; gap: 20px; margin-top: 10px;">   </div>	<p style="text-align: center;">Precautionary Statements</p> <p>P234 - Keep only in original packaging. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P264 - Wash thoroughly after handling. P260 - Do not breathe dusts or mist. P270 - Do not eat, drink or smoke when using this product.</p> <p>P303+P361+P353 - IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. P363-Wash contaminated clothing before reuse. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.</p> <p>P301+P330+P331 - IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.</p> <p>P304-P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.</p> <p>Immediately call a POISON CENTER or physician.</p> <p>P390 - Absorb spillage to prevent material damage. P406 - Store in a corrosion resistant container or a container with a resistant liner. P405 - Store locked up. P501 - Dispose of contents/container to an approved waste handling facility in accordance with local/regional/national/international regulations.</p>
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Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Sodium Hydroxide	1310-73-2	34
Potassium Hydroxide	1310-58-3	34

Section 4 - First Aid Measures

Skin: Flush with flowing water for at least 15 minutes or until slippery feeling disappears. Get medical attention for any burns that may occur.

Eyes: Flush with flowing water for 15 min & see physician

Ingestion: IF SWALLOWED, rinse mouth, do not induce vomiting, immediately call a POISON CENTER or doctor/physician.

Inhalation: IF INHALED, Move to fresh air and keep at rest in a position comfortable for breathing.

Section 5 - Fire and Explosion Hazard Data

Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.
None	LEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.
	UEL: NA		

Section 6 - Accidental Release Measures

Neutralize with dilute acid, or sodium bicarbonate. Mop up and flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

Section 7 - Handling and Storage

Store locked up. Store upright in original closed container. Store in a corrosion resistant container or a container with a resistant liner.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE		Ventilation: Normal room ventilation
Potassium Hydroxide	2mg/m ³	2mg/m ³	Respiratory:	not normally required	General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
Sodium Hydroxide	2mg/m ³	2mg/m ³	Eye:	safety glasses, face shield	
			Skin:	Apron, alkali proof gloves	

Section 9 - Physical and Chemical Properties

Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure
Colorless liquid	Mild	NE	14	NE	212°F	>1(water =1)	NA	NA	17mm Hg
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
0.62(air =1)	11.25lbs/gal	1.35	12	100% in water	NE	NA	Thin	Not established	

Section 10 - Stability and Reactivity

Product is stable, hazardous polymerization will not occur. Incompatible with strong acids. If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide, Nitrous Oxides.

Section 11- Toxicological Information

Ingredient	Acute Toxicity (oral LD50) Rat	Acute Toxicity (derm. LD50) Rabbit	Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -Single Exposure	STOST Repeated Exposure
Potassium Hydroxide	214mg/kg(rat)	not listed	Corrosive	Not listed	No info	No info	No info	No info
Sodium Hydroxide	Not listed	1350mg/kg	Corrosive	Not listed	No Info	No info	No info	No info
All combined	472mg/kg	NE	Corrosive	Not listed	No info	No info	No info	No info

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

Products covered by this SDS, in their original for, are considered corrosive waste(waste code D002) according RCRA (40 CFR 261). Dispose of in accordance with applicable Federal, State and Local regulations.

Section 14 - Transport Information

UN number	Basic Description (DOT, TDG)	Class	Packing Group	LTD QTY
UN1719	Caustic Alkali Liquids, n.o.s (Contains potassium hydroxide, sodium hydroxide)	8	II	< 1Liter
UN number	Basic Description (IATA)	Class	Packing Group	LTD QTY
UN1719	Caustic Alkali Liquids, n.o.s (Contains potassium hydroxide, sodium hydroxide)	8	II	0.5L(max)

Section 15 - Regulatory Information

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.

CERCLA: Sodium Hydroxide, RQ -1000lbs, Potassium Hydroxide, RQ- 1000lbs . For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

Date Prepared: 03-28-2017		HMIS:	Health 3	Flam. - 0	R - 1	PPE - D
		Prepared by: Environmental, Health and Safety Administrator.				
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.						
Legend for Abbreviations: NA - not applicable NE - Not Established						

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