

Safety Data Sheet


Section 1 - Product Information

Product Name: Powercon Acid Detergent Concentrate		Supplier:	Getinge USA, Inc.
Product use: Instrument Detergent/Descaler	Information Phone: 1-800-475-9040	Address:	1777 East Henrietta Road Rochester, NY 14623
Product Code Number: 0413	Emergency Contact: CHEMTREC 1-800-423-9400		

Section 2 - Hazard Identification

GHS Classification: Skin Corrosive Category 1B, Eye corrosive Category 1, Corrosive to metals, Category 1

Signal Word: **DANGER**

Hazard Statements	Precautionary Statements
<p>H314 - Causes severe skin burns and eye damage. H290 - May be corrosive to metals.</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.</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.</p> <p>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>

Section 3 - Composition

Chemical Name	CAS #	Percent(w/w)
Phosphoric Acid	7664-38-2	67
Hydroxyacetic Acid	79-14-1	3

Section 4 - First Aid Measures

Skin: Flush with flowing water for 15 minutes or until slippery feeling disappears. See physician.

Eyes: Flush with flowing water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. & see physician

Ingestion: IF SWALLOWED, rinse mouth, do not induce vomiting, call a POISON CENTER or physician if you feel unwell.

Inhalation: IF INHALED: Remove 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 UEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.

Section 6 - Accidental Release Measures

Mop up spills and flush to sewers with plenty of water. Neutralize with sodium bicarbonate. Floors may be slippery, use care to avoid falls.

Section 7 - Handling and Storage

For institutional and industrial use only. Not intended for consumer use. 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
Phosphoric Acid	1mg/m ³	1mg/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.
Hydroxyacetic Acid	10mg/m ³	10mg/m ³	Eye:	safety glasses, face shield	
			Skin:	Apron, acid 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 liq.	Acidic	NE	< 1	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)	12.6	1.51	1.5	100% in water	NE	NA	Thin	Not established	

Section 10 - Stability and Reactivity

Product is stable, hazardous polymerization will not occur.

Incompatible with strong alkalis, metals, sulfides and sulfites. 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
Phosphoric Acid	4400mg/kg	>3100mg/kg	Corrosive	Not listed	No info	No info	No info	No info
All combined	4249mg/kg	NE	Corrosive	NE	NE	NE	NE	NE

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

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

Section 14 - Transport Information


UN number	Basic Description(DOT)	Class	Packing Group	LTD QTY
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.(contains phosphoric acid)	8	II	< 1 Liter

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: Phosphoric Acid. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

WHMIS: E		HMIS: Health: 3	Flam: 0	Physical: 0	PPE: C
Date Prepared:03-28-2017		Prepared by: Environmental, Health and Safety Administrator.			

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Legend for Abbreviations: NA - not applicable NE - Not Established

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