


Safety Data Sheet

Section 1 - Product Information				
Product Name: Cleaner LS Acid Detergent			Supplier:	Intercon Chemical Company
Product Code Number: 8420	Information Phone: 314-771-6600		Address:	1100 Central Industrial Dr St. Louis, MO 63110
Product use: Cage, Glassware Detergent	Emergency Contact: CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification				
GHS Classification: Corrosive to Metals, Category 1; Skin Corrosion/Irritation, Category 1B, Serious Eye Damage/Eye Irritation, Category 1				
Section 2.1 - Label Elements				
Hazard Pictograms:		Precautionary Statements:		
		<p>P234 - Keep only in original packaging.</p> <p>P260 - Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>P264+P265 - Wash hands thoroughly after handling. Do not touch eyes.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P330+P331 - IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.</p> <p>P302+P361+P353 - IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.</p> <p>P363 - Wash contaminated clothing before reuse.</p> <p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P316 - Get emergency medical help immediately.</p> <p>P321 - For specific treatment, see Section 4 on this SDS.</p> <p>P305+P354+P338 - IF IN EYES: Immediately rinse with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.</p> <p>P390 - Absorb spillage to prevent material damage.</p> <p>P405 - Store locked up.</p> <p>P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.</p>		
Signal Word: Danger				
Hazard Statements:				
<p>H314 - Causes severe skin burns and eye damage.</p> <p>H290 - May be corrosive to metals.</p>				
Section 3 - Composition				
Chemical Name	CAS #		Percent w/w	
Phosphoric Acid	7664-38-2		30-40	
Section 4 - First Aid Measures				
IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water for 15 minutes. Wash contaminated clothing before reuse.				
IF IN EYES: Immediately rinse with water for 15 minutes. Remove contacts if present and easy to do. Continue rinsing.				
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.				
IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing.				
If concerned or exposed, get medical help immediately.				
Section 5 - Fire and Explosion Hazard Data				
Flash Point:	Limits:	Extinguishing Media:	Special Fire Fighting Procedures: Avoid exposure to fumes or vapors.	
None	<p>LEL: NA</p> <p>UEL: NA</p>	Water spray or fog, foam, dry chemical, or carbon dioxide. Do not use water jet, as this will spread fire.	Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.	
Section 6 - Accidental Release Measures				
Don appropriate PPE. Floors may be slippery, use care to avoid falls. Neutralize with sodium bicarbonate. Mop up spills and flush to sewers with plenty of water. Absorb spillage to prevent material damage.				
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				
Ingredients:	OSHA PEL:	ACGIH TLV:	PPE:	General Hygiene Considerations:
Phosphoric Acid	1mg/m ³	1mg/m ³	<p>Respiratory: not normally required</p> <p>Eye: Safety glasses, Face shield</p> <p>Skin: Apron, acid proof gloves</p> <p>Ventilation: Normal Room Ventilation</p>	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.

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 to light yellow liquid	acidic	NE	< 2	NE	212°F	>1(water =1)	NA	NA	17mm Hg
Vapor Density	Density	Specific Gravity	pH(1% dil)	Solubility	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
0.62(air =1)	10.16	1.22	< 2	100% in water	NE	NA	thin	NA	
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	Skin and Eye	Carcinogen	Mutagen	Reproductive Toxicity	STOT - Single Exposure	STOT - Repeated Exposure	
Phosphoric Acid	1,530 mg/kg	2,740 mg/kg	corrosive	No info	No info	No info	No info	No info	
Section 12 - Ecological Information					Section 13 - Disposal Considerations				
No information available.					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 L	
UN number	Basic Description (IATA)					Class	Packing Group	LTD QTY	
UN3264	Corrosive liquid, acidic, inorganic, n.o.s(contains phosphoric acid)					8	II	< 0.1 L	
UN number	Basic Description (IMDG)					Class	Packing Group	LTD QTY	
UN3264	Corrosive liquid, acidic, inorganic, n.o.s(contains phosphoric acid)					8	II	< 1 L	
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 (RQ = 5,000 lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68								
California Prop 65:	This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins by the State of California. For more information, please go to www.p65warnings.ca.gov								
Section 16 - Other Information									
				HMIS: Health - 3	Flam. - 0	R - 0	PPE- C		
Date Prepared:	03 Nov 2025			Prepared by: Director of Technical Service, Research and Development					
The information provided in this Safety Data Sheet is correct to the best of our knowledge 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: GHS - Globally Harmonized System; CAS - Chemical Abstracts Service; NA - Not Applicable; MSHA - Mine Safety and Health Administration; NIOSH - National Institute for Occupational Safety and Health; TLV - threshold limit value; PPE - personal protection equipment; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; ACGIH - American Conference of Governmental and Industrial Hygienists;NE - Not Established; STOT - Specific Target Organ Toxicity; HMIS - Hazard Materials Identification System; NOEC - No Observed Effect Concentration; CERCLA -Comprehensive Environmental Response, Compensation, and Liability Act; RQ - DOT Reportable Quantity; DOT - Department of Transportation (49 CFR parts 100 to 185); IATA - International Air Transport Association; IMDG - International Code for the maritime transport of Dangerous Goods; WHMIS - Workplace Hazardous Materials Information System (Canada).									