


# Safety Data Sheet

Section 1 - Product Information			
Product Name: Cleaner LS - High Alkaline Detergent		Supplier:	Intercon Chemical Co
Product Code Number: 8431	Information Phone: 314-771-6600	Address:	1100 Central Industrial Dr St. Louis, MO 63110
Product Use: Heavy Duty Alkaline CIP Cleaner	Emergency Contact: CHEMTREC 1-800-424-9300		
Section 2 - Hazard Identification			
GHS Classification: Corrosive To Metals - Category 1; Eye Damage/Irritation - Category 1; Skin Corrosion/Irritation - Category 1; Specific Target Organ Toxicity - Single Exposure: Respiratory Tract Irritation - Category 2; Acute Toxicity Oral - Category 5			
Section 2.1 - Label Elements			
Hazard Pictograms		Precautionary Statements:	
		<p><b>P234:</b> Keep only in original container.</p> <p><b>P260:</b> Do not breathe dust/fume/gas/mist/vapors/spray.</p> <p><b>P264:</b> Wash hands thoroughly after handling.</p> <p><b>P270:</b> Do not eat, drink or smoke when using this product.</p> <p><b>P280:</b> Wear protective gloves/protective clothing/eye protection/face protection.</p> <p><b>P301+P330+P331+P312:</b> IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell.</p> <p><b>P303+P361+P353:</b> IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).</p> <p><b>P363:</b> Wash contaminated clothing before reuse.</p> <p><b>P304+P340:</b> IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p><b>P310:</b> Immediately call a POISON CENTER or doctor.</p> <p><b>P321:</b> Specific treatment see section 4 of SDS.</p> <p><b>P305+P351+P338:</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p><b>P390:</b> Absorb spillage to prevent material damage.</p> <p><b>P403+P233:</b> Store in a well-ventilated place. Keep container tightly closed.</p> <p><b>P405:</b> Store locked up.</p> <p><b>P501:</b> Dispose of contents/container in accordance with local/regional/national/ international regulations.</p>	
Signal Word: Danger			
<b>Hazard Statements:</b> <b>H290:</b> May be corrosive to metals <b>H303:</b> May be harmful if swallowed <b>H314:</b> Causes severe skin burns and eye damage <b>H335:</b> May cause respiratory irritation			
Section 3 - Composition			
Chemical Name	CAS #	Percent w/w	
Potassium Hydroxide	1310-58-3	20 - 30	
Tetrasodium EDTA	64-02-8	3.0 - 5.0	
Section 4 - First Aid Measures			
IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water or shower for 15 minutes. Wash contaminated clothing before reuse.			
IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing for at least 15 minutes.			
IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.			
IF INHALED: Remove to fresh air and keep at rest 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. <b>UNUSUAL FIRE &amp; EXPLOSION HAZARD:</b> Product will not burn.
none	LEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	
	UEL: NA		
Section 6 - Accidental Release Measures			
Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Ventilate closed spaces. Stop leak if safe to do so. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. See Section 13 for advice on waste disposal.			
Section 7 - Handling and Storage			
Do not get in eyes, on skin, or on clothing. Avoid breathing dust, fumes, gas, mist, vapors, and/or spray. Handle open containers with care. Do not eat, drink, or smoke when using this product. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Store locked up. Store in corrosive resistant container with a resistant inner liner. Store upright in original closed container.			

Section 8 - Exposure Controls/PPE									
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:				
Potassium Hydroxide	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	Respiratory:	not normally required	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.				
Tetrasodium EDTA	Not listed	Not listed	Eye:	safety glasses, face shield					
			Skin:	Apron, alkali proof gloves					
			Ventilation:	Normal room ventilation					
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	characteristic	NE	14	NE	212°F	>1(water =1)	NA	NA	17mm Hg
Vapor Density	Density (lbs/gal)	Specific Gravity	pH (use dil)	Solubility	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
0.62(air =1)	10.7	1.28	12 - 13	100% in water	NE	NA	thin	NE	
Section 10 - Stability and Reactivity									
Product is stable, hazardous polymerization will not occur. Incompatible with strong oxidizing agents, reducing agents, cationics and 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	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOT - Single Exposure	STOT - Repeated Exposure	
Potassium Hydroxide	284 mg/kg	Not listed	corrosive	Not listed	No info	No info	NA	NA	
Tetrasodium EDTA	1,780 mg/kg	Not listed	Irritant	Not listed	No info	No info	Respiratory Tract	Classified	
Section 12 - Ecological Information					Section 13 - Disposal Considerations				
<b>EDTA:</b> Toxicity to fish: LC50 > 100 mg/l Exposure time 96 hours. Toxicity to aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 140 mg/l Exposure time: 48 hours. Toxicity to algae: EC50 (algae) > 100 mg/l Exposure time: 72 hours. <b>Potassium Hydroxide:</b> No information available.					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)					Class	Packing Group	LTD QTY	
UN1719	Caustic Alkali Liquids, n.o.s(Contains potassium hydroxide)					8	II	< 1 L	
UN number	Basic Description (IATA)					Class	Packing Group	LTD QTY	
UN1719	Caustic Alkali Liquids, n.o.s(Contains potassium hydroxide)					8	II	< 0.5 L	
UN number	Basic Description (IMDG)					Class	Packing Group	LTD QTY	
UN1719	Caustic Alkali Liquids, n.o.s(Contains potassium hydroxide)					8	II	< 1 L	
Section 15 - Regulatory Information									
SARA Title 3: Nitrilotriacetic acid. For more information consult sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.									
CERCLA: Potassium Hydroxide (RQ = 1,000 lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68									
California Prop 65	This product does not contain any chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm at reportable levels. For more information go to <a href="http://www.P65Warnings.ca.gov">ww.P65Warnings.ca.gov</a>								
Section 16 - Other Information									
				HMIS:	Health - 3	Flam. - 0	Reactivity - 0	PPE- D	
Date Prepared: 03 Dec 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).