

Safety Data Sheet

Section 1 - Product Information					
Product Name: Cleaner LS Alkaline Detergent			Supplier:	Intercon Chemical Company	
Product Code Number: 8430	Information Phone: 314-771-6600		Address:	1100 Central Industrial Dr St. Louis, MO 63110	
Product use: Alkaline Cage Wash	Emergency Contact: CHEMTREC 800-424-9300				
Section 2 - Hazard Identification					
GHS Classification: Corrosive to Metals - Category 1; Skin Corrosion - Category 1; Severe Eye Damage - Category 1; Reproductive toxicity (inhalation) - Category 2					
Section 2.1 - Label Elements					
Hazard Pictograms 		Precautionary Statements:			
Signal Word: Danger		P201: Obtain special instructions before use. P234: Keep only in original packaging. P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash hands thoroughly after handling.			
Hazard Statements:		P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P361+P354: IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P316: Get emergency medical help immediately. P321: Specific treatment (see Section 4 on this SDS). P390: Absorb spillage to prevent material damage. P405: Store locked up. P501: Dispose of contents/container in accordance with local/regional/national/international regulation.			
H290 - May be corrosive to metals H314 - Causes severe skin burns and eye damage H361 - Suspected of damaging fertility or the unborn child					
Section 3 - Composition					
Chemical Name		CAS#	Percent w/w		
Potassium hydroxide		1310-58-3	2.0 - 10		
Sodium tetraborate decahydrate		1303-96-4	2.0 - 10		
Sodium carbonate		497-19-8	1.0 - 5.0		
Section 4 - First Aid Measures					
IF IN EYES:	Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.				
IF ON SKIN:	Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse.				
IF INGESTED:	Rinse mouth. Do NOT induce vomiting.				
IF INHALED:	Remove person to fresh air and keep comfortable for breathing. If exposed or concerned, get emergency medical help immediately				
Section 5 - Fire and Explosion Hazard Data					
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. UNUSUAL FIRE & EXPLOSION HAZARD: None	
LEL	NA	Normal extinguishing media Carbon dioxide, dry chemical, water			
UEL	NA				
Section 6 - Accidental Release Measures					
Clean up spills with absorbent material. Mop up small spills. Neutralize with citric acid, if needed. Do not allow material into sewers.					
Section 7 - Handling and Storage					
Do not mix with other products. Wear appropriate PPE. Store locked up in original container. Keep container closed.					
Section 8 - Exposure Controls/PPE					
Ingredient(s)	OSHA PEL:	ACGIH TLV	PPE		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.
Potassium hydroxide	2 mg/m ³	2 mg/m ³	Eye:	Safety glasses or goggles	
Sodium tetraborate decahydrate	5 mg/m ³	2 mg/m ³	Skin:	Nitrile gloves, apron	
			Respiratory:	NIOSH respirator if no ventilation	
Sodium carbonate	10 mg/m ³	5 mg/m ³	Ventilation:	Normal room ventilation	

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Section 9 - Physical and Chemical Properties										
Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling Point	Flash Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	
Clear to Amber liquid	Mild	NE	>12	NE	100°C	None	>1	N/A	N/A	
Vapor Pressure	Vapor Density	Density (lb/gal)	Specific Gravity	Solubility	Partition Coefficient	Auto-Ignition Temp.	Viscosity	Decomposition Temp.		
NE	NE	9.73	1.17	100% water soluble	NE	NE	Water thin	NE		
Section 10 - Stability and Reactivity										
Product is stable. Hazardous polymerization will not occur. Incompatible with strong acids. Normal combustion products produced if burned										
Section 11- Toxicological Information										
Ingredients	Acute Toxicity (Oral LD50) Rat	Acute Toxicity (Dermal LD50) Rabbit	Skin and Eye	Carcinogen	Mutagen	Reproductive Toxicity	STOT Single Exposure	STOT Repeated Exposure		
	Potassium hydroxide	284 mg/kg	NE	Cat. 1	NA	NE	NE	NE	NE	
Sodium tetraborate decahydrate	5,150 mg/kg	2,000 mg/kg	Eye 2A	NA	NA	Cat. 2	NA	NA		
Sodium carbonate	2,800 mg/kg	>2,000 mg/kg	Eye 2A	NA	NE	NE	NE	NE		
Section 12 - Ecological Information					Section 13 - Disposal Considerations					
Mixture is not thought to be toxic to aquatic life in use dilution.					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 to local, state, and federal regulations.					
Section 14 - Transport Information										
UN number	Basic Description (DoT)					Class	Packing Group	LTD QTY		
UN 1719	Caustic alkali liquids, n.o.s. (Contains Potassium hydroxide)					8	II	1.0 L		
UN number	Basic Description (IATA)					Class	Packing Group	LTD QTY		
UN 1719	Caustic alkali liquids, n.o.s. (Contains Potassium hydroxide)					8	II	0.1 L		
UN number	Basic Description (IMDG)					Class	Packing Group	LTD QTY		
UN 1719	Caustic alkali liquids, n.o.s. (Contains Potassium hydroxide)					8	II	1.0 L		
Section 15 - Regulatory Information										
SARA Title III - Does not contain chemicals reportable under Superfund Amendments and Reauthorization Act of Title III.										
CERCLA - Potassium hydroxide, RQ 1000 pounds. For more informatino consult 40 CFR parts 302, 355, 370, 372 and 68.										
	Warning: This product can expose you to chemicals including Lead (CAS# 7439-92-1) which is known to the State of California to cause cancer and/or birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov									
Section 16 - Other Information										
		HMIS:	Health:	3	Flammability:	0	Physical Haz:	0	PPE:	D
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, 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: 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).										