

Safety Data Sheet



Section 1 - Product Information

Product Name: 3X ALL SAFE		Supplier:	Intercon Chemical Company	
Product Code Number: 8702	Information Phone: 314-771-6600		Address:	1170 Central Industrial Drive
Product Use: Metal-Safe Instrument Detergent	Emergency Contact: CHEMTREC 1-800-424-9300			St. Louis, MO 63110

Section 2 - Hazard Identification

GHS Classification: Skin Corrosion/Irritation - Category 1B; Eye Damage - Category 1; Acute Toxicity - Oral - Category 4; Acute Toxicity - Inhalation - Category 5

Section 2.1 - Label Elements

Signal Word: Danger	Precautionary Statements:
Hazard Pictograms:  	<p>P260: Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>P264: Wash thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310: Immediately call a POISON CENTER or doctor.</p> <p>P301+P304+P312: IF SWALLOWED or IF INHALED: Call a POISON CENTER or doctor if you feel unwell.</p> <p>P330+P331: Rinse mouth. Do NOT induce vomiting.</p> <p>P321: See this SDS for specific treatment.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents/container to an approved waste handling facility in accordance with local/regional/national/international regulations.</p>
Hazard Statement: H314: Causes severe skin burns and eye damage H302: Harmful if swallowed H333: May be harmful if inhaled	

Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Potassium silicate	1312-76-1	10 - 20
Potassium hydroxide	1310-58-3	7 - 12
Tetrasodium EDTA	64-02-8	6 - 11

Section 4 - First Aid Measures

IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for a minimum of 15 minutes. Seek medical attention.

IF IN EYES: Immediately rinse with water for several minutes. Remove contacts if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention.

IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. Get emergency medical help immediately.

IF INHALED: Remove person to fresh air and keep 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. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.
none	LEL: NA UEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	

Section 6 - Accidental Release Measures


Don appropriate PPE. 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 inner liner.

Section 8 - Exposure Controls/PPE

Ingredient:	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 silicate	2mg/m ³	2mg/m ³	Respiratory:	respirator, if necessary	
Potassium Hydroxide	2mg/m ³	2mg/m ³	Eye:	safety glasses, face shield	
Tetrasodium EDTA	0	0	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	mild	NE	14	NE	212°F	>1(water =1)	NA	NA	17mm Hg
Vapor Density	Density	Specific Gravity	pH (1% Dilution)	Solubility	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
0.62(air =1)	10.95	1.31	13-14	100% in water	NE	NA	Water-like	NE	
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									
Ingredients		Acute Toxicity (Oral LD50) Rat	Acute Toxicity (Dermal LD50) Rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOT-Single Exposure	STOT-Repeated Exposure
Potassium silicate		> 5,000 mg/kg	> 5,000 mg/kg	Irritant	NA	NA	NA	NA	NA
Potassium hydroxide		284 mg/kg	NE	Highly Corrosive	NE	NE	NE	NE	NE
Tetrasodium EDTA		1,780 - 2,000 mg/kg	> 5,000 mg/kg	Skin Irritation	Possible	NA	Possible	NA	Respiratory Organs
Section 12 - Ecological Information					Section 13 - Disposal Considerations				
Mixture not thought to be toxic to aquatic environments.					Products covered by this SDS, in their original form, are considered corrosive hazardous 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
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 (max)
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: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.									
CERCLA: Potassium Hydroxide, RQ- 1000lbs . For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68									
		Warning: This product can expose you to dichloroacetic acid (CAS# 79-43-6), 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		Flam. - 0		R - 1		PPE - D
Date Prepared: 30 Apr 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 HealthAdministration; 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.									