

Safety Data Sheet

Section 1 - Product Information					
Product Name: SOUR				Supplier:	Intercon Chemical Company
Product Code Number: 0403		Information Phone: 314-771-6600		Address:	1100 Central Industrial Drive St. Louis MO 63110
Product use: Laundry Sour		Emergency Contact: CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification					
GHS Classification: Skin Corrosion - Category 1A; Eye Damage - Category 1; Acute Toxicity (Oral) - Category 5; Corrosive to Metals - Category 1					
Section 2.1 - Label Elements					
Hazard Pictograms:  		Precautionary Statements: P234 - Keep only in original packaging. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves, protective clothing, eye protection, and face protection. P301+P330+P331+P312 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or physician if you feel unwell. P303+P361+P353+P363 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. P304+P340+P310 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician. P321 - Specific treatment (see Section 4 of this SDS). P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P390 - Absorb spillage to prevent material damage. P405 - Store locked up. P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.			
Signal Word: Danger					
Hazard Statements: H303: May be harmful if swallowed. H314: Causes severe skin burns and eye damage. H290: May be corrosive to metals.					
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Phosphoric Acid		7664-38-2		7 - 12	
Fluorosilicic acid		16961-83-4		2 - 6	
Oxalic acid dihydrate		6153-56-6		< 2	
Section 4 - First Aid Measures					
IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for 15 minutes. Wash contaminated clothing before reuse.					
IF IN EYES: Immediately rinse with water for 15 minutes minimum. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help immediately.					
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical help.					
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency 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	LEL:	NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	Wear self-contained positive pressurized breathing apparatus	
	UEL:	NA		MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.	
Section 6 - Accidental Release Measures					
Don appropriate Personal Protection Equipment. 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.					
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.
Phosphoric Acid	1 mg/m ³	1 mg/m ³	Respiratory:	not normally required	
Fluorosilicic acid	NE	NE	Eye:	safety glasses, face shield	
Oxalic acid dihydrate	1 mg/m ³	2 mg/m ³	Skin:	Apron, acid 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 to light yellow liquid	characteristic	NE	< 2	NE	NE	>1 (water =1)	NA	NA	NE
Vapor Density	Density	Specific Gravity	pH (use dilution)	Solubility (in water)	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
0.62(air =1)	9	1.08	< 4	100%	NE	NE	Thin	NE	
Section 10 - Stability and Reactivity									
Product is stable, hazardous polymerization will not occur. Incompatible with strong oxidizing agents.Hazardous decomposition products include hydrogen chloride, hydrogen gas in contact with some metals and formic acid.									
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	NA	NE	NE	NE	NE	NE
Fluorosilicic acid	NE	NE	Corrosive	NA	NA	NA	NA	NA	NA
Oxalic acid dihydrate	1,080 mg/kg	NE	Skin Irritant, Eye Damage	NA	NA	Possible risk of birth defects	NA	NA	NA
Section 12 - Ecological Information					Section 13 - Disposal Considerations				
Mixture has not be examined. Based on Ingredients, there may be some toxicity to aquatic environments in large concentrations.					Products covered by this SDS, in their original form, are considered corrosive waste 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	
UN1760	Corrosive Liquid, n.o.s. (contains Fluorosilicic acid, Phosphoric acid)					8	II	< 1.0 L	
UN number	Basic Description (IATA)					Class	Packing Group	LTD QTY	
UN1760	Corrosive Liquid, n.o.s. (contains Fluorosilicic acid, Phosphoric acid)					8	II	< 0.1 L	
UN number	Basic Description (IMDG)					Class	Packing Group	LTD QTY	
UN1760	Corrosive Liquid, n.o.s. (contains Fluorosilicic acid, Phosphoric acid)					8	II	< 1.0 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: Fluorosilicic acid (RQ=1,000 lbs.) 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									
Date Prepared: 10 Apr 2026		WHMIS: 		HMIS: Health - 3* Flam. - 0 R - 1		PPE- H			
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; LEL - Lower explosive limit; UEL - Upper explosive limit; 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; SARA - Superfund Amendments and Reauthorization Act; CERCLA -Comprehensive Environmental Response, Compensation, and Liability Act; RQ - DOT Reportable Quantity; CFR - United States Code of Federal Regulations; 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).									