


Safety Data Sheet

Section 1 - Product Information					
Product Name: de-rust plus			Supplier: Intercon Chemical Company		
Product Code Number: 419N		Information Phone:1-314-771-6600		Address: 1100 Central Industrial Drive St. Louis MO 63110	
Product use: rust-inhibiting sour		Emergency Contact:CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification					
GHS Classification: Corrosive(skin) Category 1B, Corrosive(eye) Category 1. Acute toxicity(oral) Category 4.					
Section 2.1 - Label Elements					
Hazard Pictograms 		Precautionary Statements P280: Wear protective gloves/protective clothing/eye protection/face protection. P264: Wash hands thoroughly after handling. P260: Do not breathe dust/fume/gas/mist/vapours/spray. P270: Do not eat, drink or smoke when using this product. P301 + P330 + P331 + P317: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get Medical Help. 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. P316: Get emergency medical help immediately. P305 + P354 + P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P405: Store locked up. P501: Dispose of contents/container in accordance with local/regional/national/international regulations.			
Signal Word: Danger					
Hazard Statements: H302: 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		8 - 10	
Ammonium Bifluoride		1341-49-7		8	
Citric Acid		77-92-9		2	
Section 4 - First Aid Measures					
IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse.					
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.					
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. 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	Water spray or fog, foam,dry chemical, carbon dioxide or alcohol foam, if product involved.		
	UEL	NA			
Section 6 - Accidental Release Measures					
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	1mg/m ³	1mg/m ³	Respiratory:	not normally required	
Ammonium Bifluoride	2.5mg/m ³	2.5mg/m ³	Eye:	safety glasses, face shield	
Citric Acid	not listed	not listed	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 liquid	mild	NE	3.5-4.5	NE	212°F	>1(water =1)	NA	NA	17 mmHg
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temp	
0.62(air =1)	9	1.08	3.5-4.5	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. 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	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure
Phosphoric Acid	3500mg/kg	>3100mg/kg	corrosive	Not listed	No info	No info	No info	No info
Ammonium Bifluoride	60mg/kg	NE	corrosive	NE	NE	NE	NE	NE
Citric Acid	3000mg/kg	NO INFO	No info	Not listed	not listed	non toxic	nontoxic	nontoxic

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

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
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.(contains phosphoric acid)	8	III	< 5 L
UN number	Basic Description(IATA)	Class	Packing Group	LTD QTY
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.(contains phosphoric acid)	8	III	< 1 L
UN number	Basic Description(IMDG)	Class	Packing Group	LTD QTY
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.(contains phosphoric acid)	8	III	< 5 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 and Ammonium Bifluoride. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

None of the chemical ingredients to this product are required to be reported per California Proposition 65. www.p65warnings.ca.gov

Section 16 - Other Information

WHMIS:	E		HMIS: Health - 3	Flam. - 0	R - 1	PPE- D
Date Prepared:	3 Apr 2023	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: NA - not applicable NE - Not Established