


Safety Data Sheet

Section 1 - Product Information					
Product Name: Metal Safe Plus				Supplier:	Intercon Chemical Company
Product Code Number: 0983		Information Phone: 1-314-771-6600		Address:	1100 Central Industrial Drive St. Louis, MO 63110
Product use:	Warewash detergent	Emergency Contact: CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification					
GHS Classification: Skin Corrosion Category 1C, Eye corrosive Category 1, Oral Toxicity Category 4					
Section 2.1 - Label Elements					
Hazard Pictograms 		Precautionary Statements: Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Store locked up. IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. 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. IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician. Dispose of contents/container in accordance with local/regional/national/international regulations.			
Signal Word: Danger					
Hazard Statements: Causes severe skin burns and eye damage. May be corrosive to metals. Harmful if swallowed.					
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Sodium Metasilicate		6834-92-0		47	
Phosphonic acid, [nitrilotris(methylene)]tri-sodium salt		20592-85-2		3	
Section 4 - First Aid Measures					
In case of inhalation: Move person into fresh air. If breathing is difficult give oxygen. Get medical aid if cough or other symptoms appear.					
In case of skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.					
In case of Eye contact: Flush eyes with water for 15 minutes. Get medical attention.					
In case of ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures: Avoid exposure to fumes or vapors.		
NA	LEL: NA	Material is non combustible. Use media suitable for surrounding area.	Wear self-contained positive pressurized breathing apparatus		
	UEL: NA		MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Material will not burn.		
Section 6 - Accidental Release Measures					
Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Avoid release to the environment. Sweep up spills and place in a suitable container for disposal. Dispose of in accordance with local, state and federal regulations.					
Section 7 - Handling and Storage					
Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Keep container tightly closed in a dry, well-ventilated place. Hygroscopic. Store locked up.					
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.
Sodium Metasilicate	NE	NE	Respiratory:	Not normally required	
Phosphonic acid, [nitrilotris(methylene)]tri-sodium salt	NE	NE	Eye:	safety glasses	
			Skin:	gloves	
			Ventilation	No special requirements	

Section 9 - Physical and Chemical Properties									
Appearance	odor	odor threshold	pH	Melting Point	Boiling point	Evaporation rate	Flammability	Upper/lower flammability limits	Vapor pressure
white solid	none	NA	NA	NE	NE	NE	nonflam.	na/na	NA
Vapor Density	Density (lbs/gal)	Specific Gravity	pH(use dil)	Solubility (in water)	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temp	
NA	12.5	1.5	> 11.5	100%	NE	NA	NA	NE	
Section 10 - Stability and Reactivity									
Product is stable. Hazardous polymerization will not occur. Incompatible with strong bases and strong acids. If burned, carbon monoxide and carbon dioxide will be produced.									
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	
Sodium Metasilicate	NE	NE	corrosive	no	no	no info	no info	no info	
Phosphonic acid, [nitrilotris(methylene)]tri-sodium salt	NE	NE	Not available	no	no	no info	no info	no info	
Other:									
Section 12 - Ecological Information					Section 13 - Disposal Considerations				
No information available					Products covered by this sds are not defined as hazardous waste by the RCRA. Dispose of in accordance to local, state and federal regulations.				
Section 14 - Transport Information									
UN number	Basic Description(DOT)					Class	Packing Group	LTD QTY	
	Not regulated								
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: Does not contain chemicals subject to reporting under CERCLA. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68									
Section 16 - Other Information									
WHMIS:			HMIS:	Health - 2	Flam. - 0	R - 1	PPE- X		
Date Prepared:	26-May-2016		Prepared by: Environmental, Health and Safety Administrator.						
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									