

Safety Data Sheet

Section 1 - Product Information					
Product Name: metal-mate			Supplier: Intercon Chemical Company		
Product Code Number: 0119		Information Phone: 1-314-771-6600		Address: 1100 Central Industrial Drive St. Louis MO 63110	
Product use:	Dish Machine Detergent	Emergency Contact: CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification					
GHS Classification: Skin Corrosion Category 1C, Eye corrosive Category 1					
Section 2.1 - Label Elements					
Hazard Pictograms 		Precautionary Statements:			
Signal Word: Danger		Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist or dust. 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.			
Hazard Statements: Causes severe skin burns and eye damage.		IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.			
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Sodium Carbonate		497-19-8		26	
Sodium Metasilicate		6834-92-0		25	
Sodium Tripolyphosphate		7758-29-4		15	
Section 4 - First Aid Measures					
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.					
IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing.					
Immediately call a POISON CENTER or physician.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits		Extinguishing Media:		Special Fire Fighting Procedures:
none	LEL	NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	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.	
	UEL	NA			
Section 6 - Accidental Release Measures					
Sweep up spills and dispose of in suitable containers					
Section 7 - Handling and Storage					
For institutional and industrial use. Not intended for consumer use. Store locked up in original closed container.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Sodium Carbonate	NE	NE	Respiratory:	not normally required	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 Tripolyphosphate	15mg/m ³	10mg/m ³	Eye:	safety glasses, face shield	
Sodium Metasilicate	2mg/m ³	2mg/m ³	Skin:	chemical resistant 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
white powder	none	NE	NA	NE	NE	>1(water =1)	NA	NA	NA
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility (water 77° F)	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temperature	
NA	NA	NA	14	>10%	NE	NA	NA	NA	

Section 10 - Stability and Reactivity

Product is stable.
 Hazardous Polymerization: Will not occur.
 Incompatibility (Materials to Avoid): Strong acids, Ammonia..
 Hazardous Decomposition Products: None

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 Carbonate	2800mg/kg	>2000mg/kg	eye irritant	No	No	none	none	none
Sodium Metasilicate	1500-3200mg/kg	NE	corrosive	No	No	none	none	none
Sodium Tripolyphosphate	> 5000mg/kg	>7000mg/kg	eye-irritating	No	No	none	none	none

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

This product in its original form is not defined as a hazardous waste by the RCRA. Dispose of in accordance with local, state and federal regulations.

Section 14 - Transport Information

UN number	Basic Description(DOT)	Class	Packing Group	LTD QTY
UN3262	Corrosive Solid, Basic, Inorganic, n.o.s(contains sodium metasilicate, anhydrous)	8	III	11lbs

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: No reportable quantity. 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- B
Date Prepared: 04-07-2015	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