


Safety Data Sheet

Section 1 - Product Information					
Product Name: Phosphoric Acid, 75%				Supplier:	Intercon Chemical Company
Product Code Number: 7040		Information Phone: 314-771-6600		Address:	1100 Central Industrial Drive St. Louis, MO 63110
Product use:	Various	Emergency Contact: CHEMTREC 800-424-9300			
Section 2 - Hazard Identification					
OSHA-GHS Classification: Corrosive Category 1C					
Section 2.1 - Label Elements					
Hazard Pictograms		Precautionary Statements:			
		Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist. 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.			
Signal Word: Danger					
Hazard Statements: Causes severe skin burns and eye damage.					
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Phosphoric Acid		7664-38-2		< 75%	
Section 4 - First Aid Measures					
Skin: Flush with flowing water for 15 min. See physician if irritation persists					
Eyes: Flush with flowing water for 15 min & see physician					
Inhalation: Remove to fresh air					
Ingestion: Give a teaspoon of Milk of Magnesia, followed by milk or water to dilute material, and/or raw egg whites. DO NOT induce vomiting. Avoid alcohol. Call a Physician or poison control center. Never give anything by mouth to an unconscious person.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits		Extinguishing Media:		Special Fire Fighting Procedures:
NA	LEL	NA	Dry chemical, carbon dioxide 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					
Avoid unnecessary exposure and remove all material from eyes, skin and clothing. Do not ingest or inhale mists of phosphoric acid. Avoid discharge into the environment. Contain large spills with dikes and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with inert absorbent and place into waste container. Neutralize area with soda ash or lime. Flush residual with large amounts of water.					
Section 7 - Handling and Storage					
Do not get in eyes, on skin or on clothing. Avoid breathing mist or vapor. Do not taste or swallow. Keep container tightly closed. Store locked up. Wash thoroughly after handling.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Phosphoric Acid	1mg/m3	1mg/m3	Respiratory:	NA	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.
			Eye:	safety glasses	
			Skin:	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
clear liquid	none	na		-17.5°C	135°C		NA	NA	.0285mmHg
Vapor Density	Density (lbs/gal)	Specific Gravity	pH(use dil)	Solubility	Partition coefficient	Auto Ignition temp	Decomposition Temp	Viscosity(25°C)	
NE	13.17lbs/gal	1.575	1.5	100%	NE	NA	NA	12cps	

Section 10 - Stability and Reactivity

Product is stable under normal conditions of storage and handling. Hazardous Polymerization will not occur. The material is incompatible with metals (such as mild steel and aluminum), which may liberate flammable hydrogen gas that can produce an explosion in confined vessels. Avoid contact with materials such as sulfides and sulfites, which could release toxic gases. Be cautious in mixing with strong bases because high heat of reaction can generate steam. Phosphorus oxides may form when heated to decomposition.

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	4400mg/kg	>3160mg/kg	corrosive	no info	no info	no info	no info	no info

Other:

Section 12 - Ecological Information

No data available

Section 13 - Disposal Considerations

Products covered by this SDS, in their original form, are considered corrosive 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
UN1805	Phosphoric Acid, solution	8	III	< 5L

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 RQ 5000lbs. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

WHMIS: D2B, E	HMIS: Health - 3	Flam. - 0	R - 0	PPE- H
Date Prepared: 01-09-2015	Prepared by: Environmental, Health and Safety Administrator.			

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: NA - not applicable NE - Not Established