

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	P3K
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2406
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Concentrated Safe Acid Replacement
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2406.03
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2015-08-31
		REPLACES VERSION DATED:	2014-10-14 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

Classification	Metal Corrosive	Category 1 H290
	Acute Toxicity (Oral)	Category 4 H302
	Eye Damage	Category 1 H318

Label elements



Signal word	Danger
Hazard statements:	May be corrosive to metals Harmful if swallowed Causes serious eye damage
Precautionary statements	Keep only in original container Wash thoroughly after handling Do not eat, drink or smoke when using this product Wear eye protection, protective clothing, protective gloves If swallowed: Call a doctor, a POISON CENTER if you feel unwell If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor, a POISON CENTER Rinse mouth Absorb spillage to prevent material damage Store in corrosive resistant container with a resistant inner liner Dispose of contents/container to comply with local/regional/national/international regulations
Hazard(s) not otherwise classified (HNOC)	No additional information available.
Unknown acute toxicity	Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture-See below:

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>	<u>Classification</u>
Urea Monohydrochloride (Organic acid Salt)	506-89-8	15-40	Met Corr. 1, H290 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
UNDECETH-5	34398-01-1	1-5	Acute Tox. 4 (oral), H302 Eye Dam. 1, H318

SECTION 4: FIRST AID MEASURES

General first aid	If you feel unwell, seek medical advice (show the label where possible).
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Skin contact	Rinse skin with water/shower.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
Ingestion	Rinse mouth with water. Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, acute and delayed	Not expected to present a significant hazard under anticipated conditions of normal use. Inhalation: May cause respiratory irritation. Skin Contact: Contact during long period may cause light irritation. Eye Contact: Causes serious eye damage. Ingestion: Harmful if swallowed. Gastrointestinal complaints.
Note to physician	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	All extinguishing media allowed.
Reactivity	Thermal decomposition may produce oxides of carbon, nitrogen and chlorine. Hydrogen gas may be released upon contact with certain metals at sustained temperatures about 140°F (60°C).
Special firefighting procedures	Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General measures	Isolate from fire, if possible, without unnecessary risk.
Personal protective equipment	Protective goggles. Gloves. Protective clothing. Equip cleanup crew with proper protection.
Spill	Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area. Stop leak if safe to do so. Stop release. Ventilate area.
Environmental precautions	Avoid release to the environment. Prevent entry to sewers and public waters.
Methods for containment and clean up	Contain released substance, pump into suitable containers. Absorb spillage to prevent material damage. This material and its container must be disposed of in a safe way and as per local legislation. No additional information available.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Handle and open the container with care. Wash thoroughly after handling. Wash contaminated clothing before reuse.
Storage conditions	Store in corrosive resistant container with a resistant inner liner. Keep container closed when not in use. Store away from heat.
Incompatible Products	Strong oxidizers, alkalis, chlorates and nitrates.
Incompatible materials	Sources of ignition.
Storage area	Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.
Special rules on packaging	Meet the legal requirements. Keep only in original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment	Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses. Gloves. Protective clothing.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to hazy liquid, Red
Odor	Mild scent
Odor threshold	No data available
Melting point	No data available
Boiling point	No data available
Freezing Point	No data available
Flammability (solid, gas)	No data available
Flash point	>200°F (93°C) Estimated
Auto-ignition temperature	No data available

Vapor Pressure (mmHg)	No data available
Relative density	No data available
Evaporation Rate	No data available
Specific Gravity/Density	1.09 g/ml
pH	<1
Solubility in Water	Soluble in water.
VOC content	<0.5%.
Viscosity	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Thermal decomposition may produce oxides of carbon, nitrogen and chlorine. Hydrogen gas may be released upon contact with certain metals at sustained temperatures about 140°F (60°C)
Chemical stability	Stable under normal conditions.
Conditions to avoid	No additional information available.
Incompatibility	May be corrosive to metals.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible hazardous reactions	Thermal decomposition may produce oxides of carbon, nitrogen and chlorine. Hydrogen gas may be released upon contact with certain metals at sustained temperatures about 140°F (60°C)

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Oral: Harmful if swallowed
Undeceth-5 (34398-01-1)	LD50 oral rat >1400 mg/kg
Skin corrosion/irritation	Not classified pH <1
Serious eye damage/irritation	Causes serious eye damage pH <1
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified
Symptoms/injuries after inhalation	May cause respiratory irritation.
Symptoms/injuries after skin contact	Contact during a long period may cause light irritation.
Symptoms/injuries after eye contact	Causes serious eye damage.
Symptoms/injuries after ingestion	Harmful if swallowed. Gastrointestinal complaints.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	Undeceth-5 (34398-01-1)	LC50 fish 1	<10 mg/l
Toxicity	Undeceth-5 (34398-01-1)	EC50 Daphnia 1	<10 mg/l
Toxicity	Undeceth-5 (34398-01-1)	ErC50 (algae)	<10 mg/l
Persistence and degradability	No additional information available.		
Bioaccumulation	No additional information available.		

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal recommendations Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Not regulated for transport.
ADR No additional information available.
Transport by sea No additional information available.
Air transport No additional information available.

SECTION 15: REGULATORY INFORMATION

TSCA Status All chemicals are listed or excluded.
SARA 313 reportable ingredients None
California Proposition 65 None
SARA 311/312 Hazard Classes Undeceth-5 (34398-01-1) Immediate (acute) health hazard

SECTION 16: OTHER INFORMATION

Training advice Normal use of this product shall imply use in accordance with the instructions on the packaging.
Full text of H-phrases
Acute Tox. 4 (Oral) Acute toxicity (oral) Category 4
Eye Dam. 1 Serious eye damage/eye irritation Category 1
Met. Corr. 1 Corrosive to metals Category 1
H290 May be corrosive to metals
H302 Harmful if swallowed
H318 Causes serious eye damage

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS