



**INNOVATIVE
CHEMICAL
CORPORATION**

7769 95th Street South
Cottage Grove, MN 55016

SAFETY DATA SHEET

Revision Date: 8/7/2015
Emergency Phone: 1-800-535-5053 (Infotrac)

Section 1: Identification

Product Name: High pH Presoak

Code: 98PHP00

Chemical Type: Liquid

Manufacturer/Supplier:

Innovative Chemical Corporation
7769 95th Street South
Cottage Grove, MN 55016
651-649-1762

Section 2: Hazard(s) Identification

GHS Classification

Skin corrosion	Category 1A
Serious eye damage	Category 1
Specific target organ toxicity - single exposure	Category 3 (respiratory system)

Label elements

Signal word: Danger
Hazard statements: Causes severe skin burns and eye damage.
May cause respiratory irritation.



Precautionary Statements

Prevention: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF IN EYES: 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. Wash contaminated clothing before reuse.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up

Disposal: Dispose of contents/container in accordance with local regulation.

Carcinogenicity:

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	Confirmed animal carcinogen with unknown relevance to humans
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Section 3: Composition/Information on Ingredients

Substance or mixture: Mixture
Other means of identification: Not available.

CAS number/other identifiers

CAS number: Not applicable.

Hazardous Components		
Chemical Name	%weight	CAS
sodium dodecylbenzenesulfonate	10-20	25155-30-0
2-aminoethanol	5-10	141-43-5
tetrasodium ethylenediaminetetraacetate	5-10	64-02-8
Alcohols, C10-14, ethoxylated	5-10	66455-15-0
sodium xylenesulphonate	5-10	1300-72-7
Sodium metasilicate (disodium salt)	1-5	6834-92-0
2-butoxyethanol	1-5	111-76-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational limits, if available are listed in Section 8.

Section 4: First-Aid Measures

Description of first aid measures

General advice	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	If unconscious place in recovery position and seek medical advice. Consult a physician after significant exposure.
In case of skin contact	If skin irritation persists, call a physician. Wash off immediately with plenty of water for at least 15 minutes. If on clothes, remove clothes.
In case of eye contact	Remove contact lenses. Protect unharmed eye. Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Take victim immediately to hospital.

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	High volume water jet
Specific hazards during firefighting	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	Carbon dioxide (CO ₂) Carbon monoxide Nitrogen oxides (NO _x) Smoke Sulphur oxides
Specific extinguishing methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment.
Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling	Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Do not breathe vapours or spray mist. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	Store and keep away from, oxidizing agents and acids.

Section 8: Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2-aminoethanol	TWA	3 ppm	ACGIH
	STEL	6 ppm	ACGIH
	TWA	3 ppm	NIOSH REL
		8 mg/m ³	
	ST	6 ppm	NIOSH REL
		15 mg/m ³	
	TWA	3 ppm	OSHA Z-1
		6 mg/m ³	
2-butoxyethanol	STEL	6 ppm	OSHA P0
		15 mg/m ³	
	TWA	3 ppm	OSHA P0
		8 mg/m ³	
	TWA	20 ppm	ACGIH
		5 ppm	NIOSH REL
	TWA	24 mg/m ³	
		50 ppm	OSHA Z-1
2-butoxyethanol	TWA	240 mg/m ³	
		25 ppm	OSHA P0
		120 mg/m ³	

Biological occupational exposure limits

Component	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
2-BUTOXYETHANOL	Butoxyacetic acid (BAA)	Urine	End of shift (As soon as possible after exposure ceases)	200 mg/g	ACGIH BEI
Remarks: Creatinine					

Personal protective equipment

Respiratory protection	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Hand protection	The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection	Ensure that eyewash stations and safety showers are close to the workstation location. Safety glasses
Skin and body protection	impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Physical state	Liquid
Color	Clear
Odor	None Added
pH	12
Boiling Point	100 °C
Flash Point	does not flash
Evaporation rate	1
Upper explosion limit	Not available
Lower explosion limit	Not available
Vapor pressure	Not available
Relative vapour density	Not available
Density	1.1 g/cm ³
Solubility	soluble in cold water, soluble in hot water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	not determined
Thermal decomposition	Not available
Viscosity, kinematic	28.7 mm ² /s (20 °C)

Section 10: Stability and Reactivity

Reactivity:	Stable
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No decomposition if stored and applied as directed.
Conditions to avoid:	no data available
Incompatible materials:	Acids, Oxidizing agents
Hazardous decomposition products:	Nitrogen oxides (NO _x) Carbon oxides

Section 11: Toxicological Information

Acute toxicity

Acute oral toxicity	Acute toxicity estimate : 2,151 mg/kg Method: Calculation method
Acute inhalation toxicity	Acute toxicity estimate : > 40 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method

sodium dodecylbenzenesulfonate:

Acute oral toxicity	LD50 Oral rat: 438 mg/kg
---------------------	--------------------------

2-aminoethanol:

Acute oral toxicity	LD50 Oral mouse: 700 mg/kg LD50 Oral rat: 1,515 mg/kg
Acute inhalation toxicity	LC50 mouse: > 1.21 mg/l

Sodium metasilicate (disodium salt):

Acute oral toxicity	LD50 rat: 1,153 mg/kg
---------------------	-----------------------

Skin corrosion/irritation

Remarks	Causes skin burns.
---------	--------------------

Serious eye damage/eye irritation

Remarks	Risk of serious damage to eyes.
---------	---------------------------------

Respiratory or skin sensitisation

Not available

Germ cell mutagenicity

Not available

Carcinogenicity

Not classifiable as a human carcinogen.

Reproductive toxicity

Not available

sodium dodecylbenzenesulfonate:

2-aminoethanol:

tetrasodium ethylenediaminetetraacetate:

Alcohols, C10-14, ethoxylated:

sodium xylenesulphonate:

Sodium metasilicate (disodium salt):

2-butoxyethanol:

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration toxicity

Not available

Further information

Not available

Section 12: Ecological information

Ecotoxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Partition coefficient	Remarks
noctanol/water	Remarks: no data available

Mobility in soil

Soil/water partition coefficient (K_{oc}): Not available

Other adverse effects: No known significant effects or critical hazards.

Regulation	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Additional ecological information	no data available

Section 13: Disposal considerations

Waste from residues

Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Contaminated packaging

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info
DOT Classification	3266	Corrosive liquid, basic, inorganic, n.o.s., (SODIUM METASILICATE)	8	II.		
TDG Classification	3266	Corrosive liquid, basic, inorganic, n.o.s., (SODIUM METASILICATE)	8	II.		

Mexico Classification	3266	Corrosive liquid, basic, inorganic, n.o.s., (SODIUM METASILICATE)	8	II.		
ADR/RID Class	3266	Corrosive liquid, basic, inorganic, n.o.s., (SODIUM METASILICATE)	8	II.		
IMDG Class	3266	Corrosive liquid, basic, inorganic, n.o.s., (SODIUM METASILICATE)	8	II.		
IATA-DGR Class	3266	Corrosive liquid, basic, inorganic, n.o.s., (SODIUM METASILICATE)	8	II.		

Section 15: Regulatory information

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No	Component RQ (lbs)	Calculated product RQ (lbs)
sodium dodecylbenzenesulfonate	25155-30-0	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

Acute Health Hazard

SARA 302

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65

WARNING! This product contains a chemical known to the State of California to cause cancer.
2,2'-iminodiethanol

The components of this product are reported in the following inventories:

- TSCA** On TSCA Inventory
- DSL** All components of this product are on the Canadian DSL.
- AICS** On the inventory, or in compliance with the inventory

- NZIoC** Not in compliance with the inventory
- PICCS** On the inventory, or in compliance with the inventory
- IECSC** On the inventory, or in compliance with the inventory

Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

Section 16: Other information

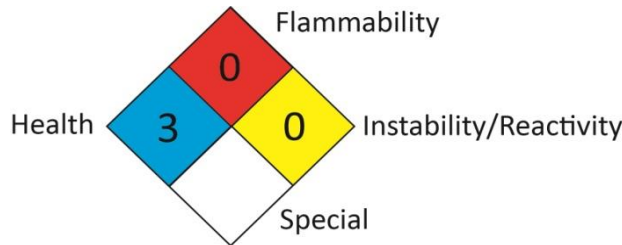
Hazardous Material Information System (U.S.A.):

Health	*3
Flammability	0
Physical hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association:



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any 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