



# HP-94

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	HP-94
<b>Other Means of Identification</b>	MAX Power High pH Presoak
<b>Recommended Use</b>	Used as presoak in touchless carwash applications.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Transchem Pro Inc., 350 S. Northwest Highway, Park Ridge, IL, 60068, 1 (877) 857-3870, www.turtlewaxpro.com
<b>Emergency Phone No.</b>	INFOTRAC (U.S.), 1-800-535-5053, 24 Hours CANUTEC (Canada), 613-996-6666, 24 Hours
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<b>Date of Preparation</b>	September 05, 2017

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 1

### GHS Label Elements



Signal Word:

Danger

Hazard Statement(s):

H315 Causes skin irritation.

H318 Causes serious eye damage.

Prevention:

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE/doctor.

### Other Hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Surfactant Blend	Proprietary	8-12	N/A
Sodium Metasilicate	6834-92-0	2-6	N/A

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Tetrasodium EDTA	64-02-8	1-3	Ethylenediaminetetraacetic acid
Sodium hydroxide	1310-73-2	1-3	Caustic Soda
2-Butoxyethanol	111-76-2	1-3	Butyl Cellosolve, Ethylene glycol monbutyl ether

#### Notes

The specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical advice/attention if you feel unwell or are concerned.

#### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. Completely decontaminate clothing, shoes, and leather goods before reuse or discard. If skin irritation occurs get medical advice/attention.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Immediately call a Poison Centre or doctor.

#### Ingestion

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Rinse mouth with water. Drink one glass of water. Immediately call a Poison Centre or doctor.

### Most Important Symptoms and Effects, Acute and Delayed

If on skin: may cause moderate to severe irritation. Repeated or prolonged exposure can irritate the skin. Symptoms include pain, redness, and swelling. If in eyes: may cause moderate to severe irritation. Symptoms include pain, redness, and swelling.

### Immediate Medical Attention and Special Treatment

#### Target Organs

Eyes, skin.

#### Special Instructions

Rinse affected area (skin, eyes) thoroughly with water.

#### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Chemical

Hazardous combustion products: oxides of carbon and nitrogen.

### Special Protective Equipment and Precautions for Fire-fighters

See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

## Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

## Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Large spills or leaks: dike spilled product to prevent runoff. Review Section 13 (Disposal Considerations) of this safety data sheet. Contact emergency services and manufacturer/supplier for advice.

## Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Prevent skin contact. Do not get in eyes. Wear personal protective equipment to avoid direct contact with this chemical.

### Conditions for Safe Storage

Store in a closed container. Store in an area that is: cool, dry, separate from incompatible materials (see Section 10: Stability and Reactivity).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Sodium hydroxide		2 mg/m <sup>3</sup> C	2 mg/m <sup>3</sup>			
2-Butoxyethanol		20 ppm C Skin	50 ppm Skin			

### Appropriate Engineering Controls

General ventilation is usually adequate. Provide eyewash and safety shower if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.  
Neoprene rubber, polyvinyl chloride, latex rubber.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear green liquid.
Odour	Mild
Odour Threshold	Not available
pH	13.0 - 13.6
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable

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<b>Vapour Density (air = 1)</b>	~ 1
<b>Relative Density (water = 1)</b>	1.06
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Incompatible materials.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Tetrasodium EDTA	> 1-5 mg/L (rat) (4-hour exposure)	1780 mg/kg (rat)	
Sodium hydroxide		500 mg/kg (rabbit)	1350 mg/kg (rabbit)
Sodium Metasilicate		1153 mg/kg (rat)	
2-Butoxyethanol	450 ppm (female rat) (4-hour exposure)	400-917 mg/kg (rat)	220 mg/kg (rabbit)

### Skin Corrosion/Irritation

Human experience shows moderate or severe irritation. Symptoms include pain, redness, and swelling.

### Serious Eye Damage/Irritation

Human experience shows serious eye damage. May irritate or burn the eyes. Permanent damage including blindness may result.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Can cause nose, throat and respiratory tract irritation, coughing and headache.

#### Ingestion

May cause irritation of the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

### Aspiration Hazard

No information was located.

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**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Symptoms may include dry, red, cracked skin (dermatitis).

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Butoxyethanol	Group 3	A3		

**Reproductive Toxicity****Development of Offspring**

No indication from ingredients.

**Sexual Function and Fertility**

No indication from ingredients.

**Effects on or via Lactation**

No indication from ingredients.

**Germ Cell Mutagenicity**

No information was located.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

All components of this product are biodegradable by Regulation (EC) No 648/2004.

**Toxicity****Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Tetrasodium EDTA	34-62 mg/L (Lepomis macrochirus (bluegill); 96-hour; static)	113 mg/L (Daphnia magna (water flea); 48-hour; static)		
Sodium hydroxide	45.4 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour; static)	100 mg/L (Daphnia magna (water flea); 48-hour)		
Sodium Metasilicate	210 mg/L (96-hour)	216 mg/L (96-hour)		
2-Butoxyethanol	1490-2950 mg/L (Lepomis macrochirus (bluegill); 96-hour)	1550 mg/L (Daphnia magna (water flea); 48-hour)		

**Chronic Aquatic Toxicity**

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
2-Butoxyethanol	> 100 mg/L (21-day; semi-static)		> 100 mg/L (Daphnia magna (water flea); 21-day; semi-static)	

**Persistence and Degradability**

(Tetrasodium EDTA) By using samples from a river, a ditch and a lake as inocula in the closed bottle test, a biodegradation between 60 and 83% was obtained after 49 days at pH 6.5, whereas between 53 and 72% were obtained after 28 days at pH 8.0.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Review federal, state/provincial, and local government requirements prior to disposal.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions for User** Not applicable

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

##### Additional USA Regulatory Lists

California Proposition 65: No listed substances are known to be present.

New Jersey Right To Know: Sodium Hydroxide (CAS: 1310-73-2); 2-butoxyethanol (CAS: 111-76-2).

SARA Title III - Section 313: 2-butoxyethanol (CAS: 111-76-2).

## SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 2

**SDS Prepared By** Technical Group

**Date of Preparation** September 05, 2017

**Revision Indicators** The following SDS content was changed on March 26, 2018:  
SECTION 1. IDENTIFICATION; Other Means of Identification.

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