



# HP-980

## SECTION 1. IDENTIFICATION

**Product Identifier** HP-980  
**Other Means of Identification** Low pH Foaming Detergent  
**Recommended Use** Used in triple foam applications in all types of carwash equipment.  
**Restrictions on Use** None known.  
**Manufacturer / Supplier** Transchem Inc., 1225 Franklin Blvd, Cambridge, ON, N1R 7E5, 1-800-265-9100, www.transchem.com  
**Emergency Phone No.** CANUTEC (Canada), 613-996-6666, 24 Hours  
INFOTRAC (U.S.), 1-800-535-5053, 24 Hours  
**Date of Preparation** April 29, 2015

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

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

### GHS Label Elements



Signal Word:

Warning

Hazard Statement(s):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statement(s):

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.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P321 Specific treatment (see supplemental first aid instruction on this label).

Disposal:

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

### Other Hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Sodium olefin Sulfonate	68439-57-6	10-20	N/A
Phosphoric Acid	7664-38-2	1-2	N/A

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## 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. Administer oxygen if breathing is difficult and get immediate medical attention.

#### Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts).

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Immediately call a Poison Centre or doctor.

#### Ingestion

Drink large amounts of water. 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 large amounts 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. If in eyes: causes moderate to severe irritation. Symptoms include sore, red eyes, and tearing.

### 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

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Chemical

Do not direct solid stream of water into burning liquid.

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

Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire.

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.

### 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. Contact emergency services and manufacturer/supplier for

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advice. Review Section 13 (Disposal Considerations) of this safety data sheet.

#### Other Information

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

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Wear personal protective equipment to avoid direct contact with this chemical. See Section 13 (Disposal Considerations) of this safety data sheet.

### Conditions for Safe Storage

Comply with all applicable health and safety regulations, fire and building codes. Keep out of reach of children. Keep from freezing.

## 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 olefin Sulfonate		20 ppm C Skin	50 ppm Skin			
Phosphoric Acid	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>			

### 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

Concentrated product: wear chemical protective clothing e.g. gloves, aprons, boots. Suitable material: PVC, Latex rubber, Neoprene.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Red liquid.
Odour	Bubblegum
Odour Threshold	Not available
pH	2 - 3
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	> 100 °C
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Will not burn.
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	1.03
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available

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**Viscosity** Not available (kinematic)  
**Other Information**  
**Physical State** Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

None known.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

Corrosive sulfur oxides; very toxic carbon monoxide, carbon dioxide; hydrocarbons.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; ingestion; eye contact.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Sodium olefin Sulfonate	450 ppm (female rat) (4-hour exposure)	2500 mg/kg (rat)	404-502 mg/kg (rabbit)
Phosphoric Acid		1530 mg/kg (rat)	2740 mg/kg (rabbit)

### Skin Corrosion/Irritation

Contact with skin may cause irritation.

### Serious Eye Damage/Irritation

Contact will cause painful burning of eyes and lids, watering of eyes.

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

#### Inhalation

If misted, causes irritation of the mucous membranes, coughing, difficulty breathing.

#### Ingestion

May cause irritation of mouth and throat, nausea and vomiting.

### Aspiration Hazard

No information was located.

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

No data available on this mixture. No indication from ingredients.

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

No components listed by IARC, ACGIH and NTP.

Not on ACGIH, IARC, NTP and OSHA lists.

### 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
Sodium olefin Sulfonate	2137 mg/L (Pimephales promelas (fathead minnow); 96-hour)			

**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)**

Consult Transchem Pro Inc. regarding status of ingredients.

**USA****Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are commercially available and presumed to be listed by manufacturer.

**Additional USA Regulatory Lists**

SARA, Title III: Reportable for Section 313 (Form R): no listed substances.

TSCA INVENTORY: All ingredients are commercially available and presumed to be listed by manufacturer.

CALIFORNIA PROP. 65: No listed substances are known to be present.

NEW JERSEY LABEL INGREDIENTS: Water (CAS: 7732-18-5), sodium alpha olefin sulfonate (CAS: 68439-57-6), phosphoric acid (CAS: 7664-38-2), non-ionic surfactant (NJTSR: 1225-1236).

**SECTION 16. OTHER INFORMATION**

**NFPA Rating** Health - 1 Flammability - 0 Instability - 0

**SDS Prepared By** Technical Group

**Date of Preparation** April 29, 2015

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disposal of the product, including any resultant personal injury or property damage.