



## HP-11

**SECTION 1. IDENTIFICATION**

|                                      |   |
|--------------------------------------|---|
| <b>Product Identifier</b>            | HP-11   |
| <b>Other Means of Identification</b> | Hyper-Concentrate Friction Detergent  |
| <b>Recommended Use</b>               | Foaming detergent for use in friction car wash equipment.   |
| <b>Restrictions on Use</b>           | None known.   |
| <b>Manufacturer / Supplier</b>       | Transchem Pro Inc., 745 McClintock Dr, Suite 330, Burr Ridge, IL, 60527, 1 (877) 857-3870, www.turtlewaxpro.com |
| <b>Emergency Phone No.</b>           | CANUTEC (Canada), 613-996-6666, 24 Hours<br>INFOTRAC (U.S.), 1-800-535-5053, 24 Hours                           |
| <b>Date of Preparation</b>           | April 27, 2015  |

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

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

**GHS Label Elements**

Signal Word:

Warning

Hazard Statement(s):

H315 Causes skin irritation.

H320 Causes eye irritation.

Precautionary Statement(s):

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves.

P280 Wear 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).

**Other Hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name           | CAS No.    | %     | Other Identifiers |
|-------------------------|------------|-------|-------------------|
| Sodium olefin Sulfonate | 68439-57-6 | 20-40 | N/A               |

**Notes**

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

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## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. 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 wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. 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. 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 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: may cause 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

Does not burn.

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

Protect personnel from irritant liquid. Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills.

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. Diluted product may be flushed down sewers.

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 and recover contaminated water for appropriate disposal.  
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

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

Separate from incompatible materials (see Section 10: Stability and Reactivity). Comply with all applicable health and safety regulations, fire and building codes. Store in closed container. 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<br>Skin | 50 ppm<br>Skin |         |           |     |

### Appropriate Engineering Controls

General ventilation is usually adequate. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. 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.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|  |   |
|--|---|
| Appearance                                       | Green liquid.                                     |
| Odour  | Mild  |
| Odour Threshold                                  | Not available                                     |
| pH   | 8.0   |
| Melting Point/Freezing Point                     | Not available (melting); Not available (freezing) |
| Initial Boiling Point/Range                      | Not available                                     |
| Flash Point                                      | > 200 °F (93 °C) (closed cup)                     |
| 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)                     | 1.048   |
| Solubility                                       | Soluble in water                                  |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available                                     |
| Auto-ignition Temperature                        | Not available                                     |

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|                                  |                           |
|----------------------------------|---------------------------|
| <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.  
This is a stable material.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

None known.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact; eye contact.

### Acute Toxicity

| Chemical Name           | LC50                                      | LD50 (oral)      | LD50 (dermal)          |
|-------------------------|---|------------------|------------------------|
| Sodium olefin Sulfonate | 450 ppm (female rat)<br>(4-hour exposure) | 2500 mg/kg (rat) | 404-502 mg/kg (rabbit) |

### Skin Corrosion/Irritation

Human experience shows moderate or severe irritation.

### Serious Eye Damage/Irritation

Human experience shows serious eye irritation. Prolonged exposure may cause eye damage.

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

#### Inhalation

May cause nose and throat irritation, lung irritation.

#### 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.

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

No information was located.

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

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.

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**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<br>(Pimephales<br>promelas (fathead<br>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 - Section 313: No listed substances are known to be present.

New Jersey Right To Know: No listed substances are known to be present.

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

**SECTION 16. OTHER INFORMATION**

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

**SDS Prepared By**      Technical Group

**Date of Preparation**      April 27, 2015

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