



HP-970

SECTION 1. IDENTIFICATION

| | |
|--------------------------------------|---|
| Product Identifier | HP-970 |
| 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 Pro Inc., 745 McClintock Dr, Suite 330, Burr Ridge, IL, 60527, 1 (877) 857-3870, www.turtlewaxpro.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 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 | 10-20 | N/A |

Notes

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

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

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). Clean clothing, shoes and leather goods. 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. Do not induce vomiting. 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

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

Special Protective Equipment and Precautions for Fire-fighters

Do not direct solid stream of water into burning liquid.

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 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

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 | | | |

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 | Yellow 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 |
| Viscosity | Not available (kinematic) |

Other Information

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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

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

SECTION 11. TOXICOLOGICAL INFORMATION**Likely Routes of Exposure**

Inhalation; skin contact; eye contact; ingestion.

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) |

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 mucous membranes.

Ingestion

May cause irritation of the mouth and throat, abdominal discomfort, nausea, vomiting, and diarrhea.

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

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

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

Disclaimer

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