



HP-81(C)

SECTION 1. IDENTIFICATION

Product Identifier	HP-81(C)
Other Means of Identification	Hyper-Concentrate Foaming Brush Detergent (Gold)
Recommended Use	Foam brush detergent for use in self-serve carwashes.
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	May 27, 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.

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	20-30	N/A
Tetrasodium EDTA	64-02-8	1-3	N/A
2-Butoxyethanol	111-76-2	1-3	Ethylene Glycol Butyl Ether,

Product Identifier: HP-81(C)

Date of Preparation: May 27, 2015

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. 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). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. 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. 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: causes 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

This product presents no unusual hazards in a fire situation.

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.

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			
2-Butoxyethanol		20 ppm C Skin	50 ppm 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.

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	Dark yellow liquid.
Odour	Cherry
Odour Threshold	Not available
pH	9.8
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	200 °F (93 °C)
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

Product Identifier: HP-81(C)

Date of Preparation: May 27, 2015

Page 03 of 06

Relative Density (water = 1)	1.05 - 1.07
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	
Physical State	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) (4-hour exposure)	2500 mg/kg (rat)	404-502 mg/kg (rabbit)
Tetrasodium EDTA		> 3030 mg/kg (rat)	> 5000 mg/kg (rabbit)
2-Butoxyethanol	450 ppm (female rat) (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. Symptoms include sore, red eyes, and tearing. 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.

Product Identifier: HP-81(C)

Date of Preparation: May 27, 2015

Page 04 of 06

Respiratory and/or Skin Sensitization

No information was located for skin sensitization.

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)			
Tetrasodium EDTA	157 - 2,070 mg/L (Lepomis macrochirus (bluegill); 96-hour)			
2-Butoxyethanol	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

Product Identifier: HP-81(C)

Date of Preparation: May 27, 2015

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: 2-butoxyethanol (CAS: 111-76-2).

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

New Jersey Right To Know: 2-butoxyethanol (CAS: 111-76-2).

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

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 1	Flammability - 0	Instability - 0
SDS Prepared By	Technical Group		
Date of Preparation	May 27, 2015		
Disclaimer	The information contained here in has been compiled from sources believed to be reliable and is accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this information or to the product to which it relates. Recipient assumes all responsibility for the use of this information and the use, storage, or disposal of the product, including any resultant personal injury or property damage.		