



# HP-67

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	HP-67
<b>Other Means of Identification</b>	Foaming Polish Protectant (Yellow)
<b>Recommended Use</b>	Protectant for use in automatic carwash foam arches.
<b>Restrictions on Use</b>	None known.
<b>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 INFOTRAC (U.S.), 1-800-535-5053, 24 Hours
<b>Date of Preparation</b>	February 23, 2016

## 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
Alkyl Dimethylamine Oxide	70592-80-2	5-10	N/A
Di-Alkyl Quaternary Ammonium Chloride	61789-77-3	3-5	N/A
2-Butoxyethanol	111-76-2	2-5	Ethylene Glycol Monobutyl

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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. 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. 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: may cause moderate to severe irritation. Repeated or prolonged exposure can irritate the skin. 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**

Does not burn.

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

No special precautions are necessary. 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**

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. 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

Separate from incompatible materials (see Section 10: Stability and Reactivity). Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
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 and face shield when contact is possible.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Suitable materials are: latex rubber, butyl rubber.

#### Respiratory Protection

Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Yellow liquid.
Odour	Cherry
Odour Threshold	Not available
pH	7.5 - 8.3
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)	Will not burn.
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	~ 1
Relative Density (water = 1)	1.01
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

None known.

### 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; ingestion; skin absorption.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
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

Animal tests show serious eye irritation. May cause reddening and swelling of tissues around the eyes.

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

#### Inhalation

Nose and throat irritation, lung irritation, coughing, headaches.

#### Ingestion

Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

### Aspiration Hazard

No information was located.

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

Prolonged or repeated exposure can cause drying, defatting, and dermatitis.

### 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

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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**

<b>Chemical Name</b>	<b>LC50 Fish</b>	<b>EC50 Crustacea</b>	<b>ErC50 Aquatic Plants</b>	<b>ErC50 Algae</b>
2-Butoxyethanol	2137 mg/L (Pimephales promelas (fathead minnow); 96-hour)			
Alkyl Dimethylamine Oxide	2.6-3.5 mg/L (Pimephales promelas (fathead minnow); 96-hour; fresh water)			

#### **Persistence and Degradability**

Alkyl Di-Alkyl Amine Oxide: Degrades rapidly based on quantitative tests.

Di-Alkyl Quaternary Ammonium Chloride: Biodegradable as per OECD 301 tests for ready biodegradability. Degrades rapidly based on quantitative tests.

Ethylene Glycol Monobutyl Ether: Degrades rapidly based on quantitative tests. Biodegradable as per OECD 301E tests for ready biodegradability.

## **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 on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

##### **Additional USA Regulatory Lists**

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

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

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

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## SECTION 16. OTHER INFORMATION

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

**SDS Prepared By**                Technical Group

**Date of Preparation**            February 23, 2016

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