



# HP-10

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	HP-10
<b>Other Means of Identification</b>	Sealer Wax - Lemon Citrus Scent
<b>Recommended Use</b>	Sealant for touchless car wash applications.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Transchem Pro Inc., 350 S. Northwest Highway, Park Ridge, IL, 60068, 1 (877) 857-3870, www.turtlewaxpro.com
<b>Emergency Phone No.</b>	INFOTRAC (U.S.), 1-800-535-5053, 24 Hours CANUTEC (Canada), 613-996-6666, 24 Hours
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<b>Date of Preparation</b>	May 26, 2015

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2A; Skin sensitization - Category 1A; Aspiration hazard - Category 1

### GHS Label Elements



Signal Word:

Danger

Hazard Statement(s):

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Prevention:

P261	Avoid breathing dust, fume, gas, mist, vapours or spray.
P264	Wash hands and skin thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves.
P280	Wear eye protection/face protection.

Response:

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P331	Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P333 + P313	If skin irritation or rash 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.

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P321 Specific treatment (see supplemental first aid instruction on this label).  
Storage:  
P405 Store locked up.  
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
Distillates (Petroleum), Hydrotreated Middle	64742-46-7	20-30	Mineral seal oil
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	61789-77-3	10-15	Di-alkyl Quaternary Ammonium Chloride
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	68155-39-5	5-10	Ethoxylated Fatty Acid Amine
2-Butoxyethanol	111-76-2	5-8	Ethylene glycol butyl ether, Butyl cellosolve
d-Limonene	5989-27-5	1.5-2	(R)-p-mentha-1,8-diene

#### 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

Avoid direct contact. Wear chemical protective clothing if necessary. 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. Completely decontaminate clothing, shoes, and leather goods before reuse or discard.

##### 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: repeated or prolonged exposure can irritate the skin. Symptoms include slight redness and swelling. 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.

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## 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

Can ignite if strongly heated.

### 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.

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

Store in an area that is: clean, dry. Store in closed container. Keep from freezing. 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			
Distillates (Petroleum), Hydrotreated Middle	200 mg/m <sup>3</sup>					

### Appropriate Engineering Controls

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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

<b>Appearance</b>	Dark green liquid.
<b>Odour</b>	Citrus
<b>Odour Threshold</b>	Not available
<b>pH</b>	8 - 9
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	> 200 °F (93 °C) (closed cup)
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	0.92
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<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.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

None known.

### Incompatible Materials

None known.

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## Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; corrosive hydrogen chloride; hydrocarbons.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact; eye contact.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Butoxyethanol	450 ppm (female rat) (4-hour exposure)	400-917 mg/kg (rat)	220 mg/kg (rabbit)
Distillates (Petroleum), Hydrotreated Middle		> 5,000 mg/kg (rat)	> 2,000 mg/kg (rabbit)
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides		200-2000 mg/kg (rat)	
d-Limonene		4400 mg/kg (rat)	> 5000 mg/kg (rabbit)

### Skin Corrosion/Irritation

No information was located.

### Serious Eye Damage/Irritation

Symptoms include sore, red eyes, and tearing.

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

#### Inhalation

No information was located.

#### Ingestion

May cause nausea, irritation of the mouth, throat and stomach.

### Aspiration Hazard

May cause lung damage if aspirated based on physical properties (e.g. kinematic viscosity) and chemical family (hydrocarbon).

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

May cause blisters, rash. Symptoms may include dry, red, cracked skin (dermatitis). May cause irritation of the respiratory system. May cause respiratory tract injury, chemical pneumonia, dizziness, nausea.

### Respiratory and/or Skin Sensitization

Sensitization may occur following exposure to the liquid or vapour. Contains: Citral, Alpha-pinene, Beta-pinene, 1, 4-Terpinolene, 1,8-Cineol.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Butoxyethanol	Group 3	A3		
d-Limonene	Group 3			

### 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

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
2-Butoxyethanol	1490-2950 mg/L (Lepomis macrochirus (bluegill); 96-hour)	1550 mg/L (Daphnia magna (water flea); 48-hour)		
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	0.195 mg/L (96-hour)	0.3 mg/L (Daphnia magna (water flea); 48-hour)		
d-Limonene	0.619-0.796 mg/L (Pimephales promelas (fathead minnow); 96-hour; flow-through)	28.2 mg/L (Daphnia magna (water flea); 48-hour; flow-through)		

#### Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
2-Butoxyethanol	> 100 mg/L (21-day; semi-static)		> 100 mg/L (Daphnia magna (water flea); 21-day; semi-static)	
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides			0.15 mg/L (Daphnia magna (water flea); 21-day)	

#### Persistence and Degradability

2-Butoxyethanol: Biodegradable as per OECD 301E tests for ready biodegradability. Degrades rapidly based on quantitative tests.

## 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

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

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

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

## SECTION 16. OTHER INFORMATION

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

**SDS Prepared By**                      Technical Group

**Date of Preparation**                      May 26, 2015

**Revision Indicators**                      The following SDS content was changed on March 03, 2017:  
SECTION 1. IDENTIFICATION; Other Means of Identification; Manufacturer.  
SECTION 2. HAZARDS IDENTIFICATION; GHS Classification; GHS Label Elements.  
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS; Ingredient Information.  
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES; Relative Density; pH.  
SECTION 11. TOXICOLOGICAL INFORMATION; LC50/LD50 values; Aspiration Hazard;  
Respiratory and/or Skin Sensitization; Carcinogenicity.  
SECTION 12. ECOLOGICAL INFORMATION; Chronic Aquatic Toxicity; Acute Aquatic  
Toxicity.

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