



HP-67

SECTION 1. IDENTIFICATION

| | |
|--------------------------------------|---|
| Product Identifier | HP-67 |
| Other Means of Identification | Triple Dry Polish - Citrus Scent - Gold |
| Recommended Use | Protectant for use in automatic carwash foam arches. |
| Restrictions on Use | None known. |
| Manufacturer / Supplier | Transchem Pro Inc., 350 S. Northwest Highway, Park Ridge, IL, 60068, 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 |
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| Date of Preparation | 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.

Prevention:

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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.

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.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | % | Other Identifiers |
|-----------------------------|-----------|------|---|
| Lauryl Dimethyl Amine Oxide | 1643-20-5 | 5-10 | N/A |
| 2-Butoxyethanol | 111-76-2 | 1-5 | Ethylene Glycol Monobutyl Ether, Butyl Cellosolve |

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| | | | |
|--|------------|-----|---------------------------------------|
| Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | 61789-77-3 | 1-5 | Di-Alkyl Quaternary Ammonium Chloride |
| Distillates (Petroleum), Hydrotreated Middle | 64742-46-7 | 1-5 | Mineral Seal Soil |

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.

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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 | | | |
| Distillates (Petroleum), Hydrotreated Middle | 5 mg/m ³ | 10 mg/m ³ | 5 mg/m ³ | | | |

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 | Citrus |
| 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 |

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|---|---------------------------|
| Relative Density (water = 1) | 0.99 |
| 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

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) | 400-917 mg/kg (rat) | 220 mg/kg (rabbit) |
| Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | | 200-2000 mg/kg (rat) | |
| Lauryl Dimethyl Amine Oxide | | 2700 mg/kg (rat) | |
| Distillates (Petroleum), Hydrotreated Middle | > 10 mg/L (rat) (4-hour exposure) | > 5,000 mg/kg (rat) | > 2000 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

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

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 |
|---|--|---|----------------------|-------------|
| 2-Butoxyethanol | 1490-2950 mg/L (Lepomis macrochirus (bluegill); 96-hour) | 1550 mg/L (Daphnia magna (water flea); 48-hour) | | |
| Quaternary ammonium compounds, dicoco alkyl dimethyl, chlorides | 0.195 mg/L (96-hour) | 0.3 mg/L (Daphnia magna (water flea); 48-hour) | | |

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 alkyl dimethyl, chlorides | | | 0.15 mg/L (Daphnia magna (water flea); 21-day) | |

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.

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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).

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 1 Flammability - 0 Instability - 0

SDS Prepared By Technical Group

Date of Preparation February 23, 2016

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

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