

# MATERIAL SAFETY DATA SHEET

## 1. American Polywater Corporation

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**Product Name: Klein # 50985 Multi-Purpose  
Cleaner/Degreaser Aerosol (HPY-12)**

**Date Reviewed:** April 12, 2007  
**Reviewed By:** S. H. Dahlke

**Emergency Number:** 1-651-430-2270

## 2. HAZARDOUS INGREDIENTS

<u>Components*</u>	<u>CAS #</u>	<u>Weight %</u>	<u>ACGIH TLV**</u>	<u>OSHA TWA</u>
Medium Aliphatic				
Petroleum Solvent	64742-47-8	<100%	NE***	NE***
Citrus Terpenes	94266-47-4	< 25%	NE***	NE***
Carbon Dioxide	124-38-9	< 5%	5,000 ppm	10,000 ppm

\* All components are listed on the TSCA inventory.

\*\* Recommend TLV of 500 ppm for Type HP™ Cleaner/Degreaser.

\*\*\* Not Established

## 3. HAZARDS IDENTIFICATION

### \*\*\*Emergency Overview\*\*\*

Clear solvent cleaner with light citrus scent.  
Hydrocarbon/Terpene Blend. Aerosol can pressurized with carbon dioxide

Combustible. Keep away from fire and flame. Use with adequate ventilation. Do not ingest. Avoid contact with skin. In case of eye contact, flush eyes with water. Keep out of reach of children.

**Eye Contact:** Direct eye contact with vapors or atomized particles may cause eye irritation. This irritation is minimal and expected to be transient.

**Skin Contact:** This product has low skin irritation potential. Prolonged or repeated skin exposure can remove oils, causing redness, drying and cracking. Persons with pre-existing skin disorders may be more susceptible to skin irritation from this material.

**Inhalation (Breathing):** Concentrated petroleum solvent vapors may cause irritation of the nose and throat. Prolonged exposure to excessively high vapor concentrations can result in central nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue). Persons with impaired lung function may experience additional breathing difficulties due to the irritant properties of this material.

**Ingestion (Swallowing):** Material has low level of oral toxicity. Ingestion of large quantities may cause irritation of the digestive tract, nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

**Aspiration Hazard:** Petroleum solvent content can enter lungs if atomized particles are swallowed, or during vomiting, and cause aspiration pneumonitis.

**Carcinogenic Status:** This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA, nor have any of its components.

## 4. FIRST AID

**Eye Contact:** If eye irritation from exposure to vapors or mist develops, move to fresh air. Flush eyes with clean water. If irritation persists, seek medical attention. For direct eye contact, flush with large quantity of water for 15 minutes. Seek medical attention.

**Skin Contact:** Remove contaminated clothing; flush skin thoroughly with water. If irritation occurs, seek medical attention.

**Inhalation (Breathing):** If irritation of nose or throat develops, move to fresh air. If irritation persists, seek medical attention. If breathing is difficult, provide oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

**Ingestion (Swallowing):** Do not induce vomiting or give anything by mouth. Petroleum content can be aspirated into lungs and cause aspiration pneumonitis. If victim is drowsy or unconscious, place on the left side with head down. Do not leave victim unattended. Seek medical attention.

## 5. FIRE AND EXPLOSION HAZARD

**Flash Point (concentrate):** >141°F / 60.5°C (PMCC)

**Flammable Limits:** Unknown

**Extinguishing Media:** Carbon Dioxide, Dry Chemical or Foam

**Special Procedures:** Avoid direct streams of water, as fire scattering may occur.

**Unusual Hazards:** Aerosol cans can build up pressure and explode when exposed to temperatures greater than 120°F. Cool containers with water.

## 6. ACCIDENTAL RELEASE MEASURES

Spills or leaks are unlikely with aerosol can. For small spills, absorb with sand or absorbents. For large spills, stay upwind and away from spill. Keep all sources of ignition away from spill. If spill is indoors, ventilate area of spill. Foam, especially high expansion foam, may be used to suppress vapors. Keep out of drains, sewers or waterways. Use sand or other inert material to dam and contain spill. Do not flush area with water.

## 7. HANDLING AND STORAGE

Do not expose container to direct sunlight or temperatures above 120°F. Do not transport or store near heat sources. Keep cans dry and away from sources of ignition. Do not puncture or incinerate container. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

## 8. CONTROL MEASURES

**Respiratory Protection:** Normal ventilation adequate. Higher vapor levels expected when using aerosol. Mechanical ventilation or respirator protection is recommended. Use a respirator or gas mask with cartridges for organic vapors (NIOSH approved) or use supplied air equipment.

**Protective Gloves:** For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

**Eye Protection:** Eye protection is recommended, especially if the material is used in ways where it could spray or mist into the eyes.

**Other Protective Equipment:** It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.

## 9. PHYSICAL DATA

**Appearance:** Clear, colorless liquid

**Vapor Pressure:** <1 mm Hg @ 20°C

**Specific Gravity (H<sub>2</sub>O = 1):** .79

**Percent Volatiles (Weight):** 100%

**VOC Content:** 790 gms/L

**Boiling Point:** IBP - 365°F / 185°C

**Vapor Density (Air = 1):** Not Determined

**Solubility in Water:** Nil

**Evaporation Rate:** >.1 (n-butyl acetate = 1)

## 10. REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Incompatibility:** Avoid heat, flame and contact with strong oxidizing agents.

## 11. HEALTH HAZARD/TOXICOLOGICAL INFORMATION

Refer to Section 3 for available information on potential health effects.

LD<sub>50</sub> (rat) for petroleum distillate is > 20 gm/kg. LD<sub>50</sub> for terpene is > 5 gm/kg.

## 12. DISPOSAL CONSIDERATIONS

Dispose of product and spent package in accordance with local, county, state, and federal regulations. Type HP™ Cleaner/Degreaser is not considered hazardous waste under RCRA.

## 13. TRANSPORTATION

**DOT Hazard Class:** Consumer Commodity, ORM-D

**DOT Shipping Name:** Consumer Commodity ORM-D

#### 14. REGULATORY STATUS

Canada WHMIS Class: B5

Hazard Categories for SARA  
Section 311/312 Reporting

Acute  
No

Chronic  
No

Fire  
Yes

Pressure  
No

Reactive  
No

Components

CERCLA/SARA Sec. 302  
Hazardous Substance RQ EHS TPQ

SARA Sec. 313  
Toxic Release

The components of Type HP™ Cleaner/Degreaser Aerosol (HPY-12) are not affected by these Superfund regulations.

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