

MATERIAL SAFETY DATA SHEET

1. American Polywater Corporation

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**Product Name: HydraSol[®] Saturated
Towelette (HS-1)**

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	<4gm/pack (<25%)	NE***	NE***
Citrus Terpenes	94266-47-4	<4gm/pack (<25%)	NE***	NE***

* All components are listed on the TSCA inventory.

** Recommend TLV of 500 ppm for HydraSol[®] Remover.

*** Not Established

3. HAZARDS IDENTIFICATION

Emergency Overview

Non-linting towel saturated with solvent emulsion cleaner. Light citrus scent.

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 splashes 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 during swallowing or 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 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): Maximum amount in a single pack is less than 20 mls of solvent. 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 left side with head down. Do not leave victim unattended. Seek medical attention.

5. FIRE AND EXPLOSION HAZARD

Flash Point: 155°F / 68°C (PMCC) for solvent (bulk)

Flammable Limits: Unknown

Extinguishing Media: Carbon Dioxide, Dry Chemical or Foam

Special Procedures: Towelettes are difficult to ignite. If burning, smother or isolate from other flammable materials.

Unusual Hazards: If large quantities of cartoned towels are ignited, treat as petroleum solvent fire.

6. ACCIDENTAL RELEASE MEASURES

No spill hazard with saturated towel package.

7. HANDLING AND STORAGE

Keep boxes containing cleaner wipes closed. Keep towelettes cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. All towelettes should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. CONTROL MEASURES

Respiratory Protection: Normal ventilation adequate. If exposure exceeds recommended limits, 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 splash in 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: A non-linting towel saturated with a milky-white liquid with citrus odor

Vapor Pressure: 10.5mm Hg @ 20°C

Specific Gravity (H₂O = 1): .91

pH: neutral

Boiling Point: 212°F / 100°C (initial)

Vapor Density (Air = 1): Not Determined

Solubility in Water: Infinite (dilutes emulsion)

Evaporation Rate: .06 (Butyl Acetate = 1)

VOC Content: 375 gms/L

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 effect.

Estimated LD₅₀ (rat) for HydraSol® is >16 gm/kg.

12. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, county, state, and federal regulations. HydraSol® Cable Gel Remover is not considered hazardous waste under RCRA.

13. TRANSPORTATION

DOT Hazard Class: Not Regulated

DOT Shipping Name: Not Regulated

14. REGULATORY STATUS

Canada WHMIS Class: B3

**Hazard Categories for SARA
Section 311/312 Reporting**

Acute	Chronic	Fire	Pressure	Reactive
No	No	Yes	No	No

Components

**CERCLA/SARA Sec. 302
Hazardous Substance RQ**

EHS TPQ

**SARA Sec. 313
Toxic Release**

The components of HydraSol® Cable Gel Remover are not affected by these Superfund regulations.

Disclaimer: The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.