SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company

1.1 Product identifier

Product Name: HydraSol® Cable Gel Remover

Product ID numbers: HS-XXX (Where XXX is the package code.)

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses: Removing cable filling greases
List of advices against: Not applicable.

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer:
American Polywater Corporation
11222 - 60th Street North
Stillwater, MN 55082 USA
Tel: 1-651-430-2270
Email: sds@polywater.com

1.4 Emergency telephone numbers

INFOTRAC: 1-800-535-5053 (USA) 1-352-323-3500 (INT’L)

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to USA OSHA 29 CFR 1910.1200 (2012) and Canada HPR (SOR/2015-17; WHMIS 2015).

Asp Tox 1 H304
Skin Irrit 2 H315
Skin Sens 1 H317
Eye Irrit 2 H319
Flam Liq 4 H227

2.2 Label elements

Contains: Medium Aliphatic Petroleum Solvent, d-Limonene, Alcohols, C12-C15, ethoxylated.

Pictograms:
Signal word: Danger
Hazard Statements:
H227 Combustible liquid
H304 May be fatal if swallowed and enters airways
H315 Causes mild irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation

Precautionary Statements:
P210 Keep away from flames and hot surfaces. No smoking.
P261 Avoid breathing spray or vapor.
Wash hands after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves and eye protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor.

Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical attention

Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

In case of fire: Use water fog, foam, dry chemical or carbon dioxide for extinction.

Store in a well-ventilated place.  Keep cool.

Dispose of contents/container in accordance with local and national regulations.

No information available.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium Aliphatic Petroleum Solvent</td>
<td>64742-47-8</td>
<td>20-25</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>20-25</td>
</tr>
<tr>
<td>Alcohols, C12-C15, Ethoxylated</td>
<td>68131-39-5</td>
<td>&lt; 2</td>
</tr>
</tbody>
</table>

This product contains no other reportable hazardous components under OSHA 29 CFR 1910.1200 (2012) and Canada HPR (SOR/2015-17; WHMIS 2015).

**4. First Aid Measures**

**4.1 Description of first aid measures**

**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):** Do not induce vomiting or give anything by mouth. If victim is drowsy or unconscious, place on the left side with head down. Do not leave victim unattended. Seek medical attention.

**4.2 Most important symptoms and effects, both acute and delayed**

Refer to Section 11 for more information.

**4.3 Indication of immediate medical attention and special treatment needed.**

Aspiration hazard. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis.

**5. Firefighting Measures**

**5.1 Extinguishing media:**

Carbon dioxide, water fog, dry chemical or foam.

**5.2 Special hazards arising from the substance or mixture**

Hazardous decomposition and by-products:

Burning generates CO, CO₂ and smoke. Smoke may be acrid and fumes irritating.
5.3 Advice for firefighters
Wear full protective clothing, including self-contained, positive pressure or pressure-demand breathing apparatus. Sealed container can build up pressure when exposed to high heat. Use water spray to cool fire exposed containers.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:
Keep away from heat/sparks/open flames/hot surfaces. No smoking. For a spill in a confined space, provide mechanical ventilation to disperse or exhaust vapors. For emergency responders: use respiratory protection: half-face or full-face respirator with filter(s) for organic vapor for spills in a confined space. Work gloves that are resistant to aromatic hydrocarbons are recommended. Chemical goggles are recommended if splashes or contact with eyes is possible. For small spills: normal antistatic work clothes are usually adequate.

6.2 Environmental precautions:
Avoid release to the environment. Dyke the spill to prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods materials for containment and cleaning up:
Absorb spill with sand or absorbents. Collect as much of the spilled material as possible using non-sparking tools and transfer to a container. Seal the container. Remember, adding an absorbent material does not change the toxicity or flammability hazard.

6.4 Reference to other sections:
Refer to Sections 4, 5, 8, and 13 for more information.

7. Handling and Storage

7.1 Precautions for safe handling
Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing vapors or spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wash contaminated clothing before reuse. For industrial or professional use only. Avoid contact with oxidizing agents (e.g. chlorine, chromic acid etc.)

7.2 Conditions for safe storage, including incompatibilities
Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store away from acids and oxidizing agents.

7.3 Specific end uses
See technical data sheet on this product for further information.

8. Exposure Controls / Personal Protection

8.1 Control parameters
Exposure limits and recommendations:

<table>
<thead>
<tr>
<th>Petroleum Distillates, hydrotreated light (64742-47-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Country/Source</strong></td>
</tr>
<tr>
<td>Manufacturer, RCP* TWA</td>
</tr>
<tr>
<td>USA, ACGIH TWA</td>
</tr>
<tr>
<td>USA, OSHA PEL</td>
</tr>
<tr>
<td>(as petroleum distillates (naphtha))</td>
</tr>
<tr>
<td>British Columbia</td>
</tr>
<tr>
<td>Alberta, Quebec, Yukon, Saskatchewan, Ontario*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D-Limonene (5989-27-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Country/Source</strong></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
8.2 Exposure controls

Respiratory protection:
Normal ventilation is 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.

- Suggested Material: Nitrile Rubber
- Suggested Thickness: For short term contact (<15 minutes), splashes use 0.2 mm. For full contact use 0.4 mm

Eye protection:
Safety glasses recommended.

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 and Chemical

9.1 Information of basic physical and chemical properties

- **Appearance:** Milky-white liquid with light citrus scent.
- **Odor threshold:** Not available
- **pH:** Neutral
- **Freezing point:** Not available
- **Boiling point:** 212°F (100°C) Initial
- **Flash point:** 155°F (68°C), Closed Cup (PMCC)
- **Evaporation rate:** <0.06 (n-butyl acetate = 1)
- **Flammability (solid, gas):** Not applicable to liquids
- **Upper/lower flammability or explosive limits:** Not available
- **Vapor pressure:** 10.5 mm Hg @ 20°C
- **Vapor density (Air = 1):** Not available
- **Specific gravity (H₂O = 1):** 0.91
- **Solubility in water:** Dilutes emulsion
- **Partition coefficient: n-octanol/water:** Not available
- **Auto-ignition temperature:** Not available
- **Decomposition temperature:** Not available
- **Viscosity:** Not available

9.2 Other Information

- **Volatile (Weight %):** >97%
10. Stability and Reactivity

10.1 Reactivity:
See remaining headings in Section 10.

10.2 Chemical stability:
Stable

10.3 Possibility of hazardous reactions:
None known.

10.4 Conditions to avoid:
Avoid heat, flame, and sparks.

10.5 Incompatible materials:
Strong oxidizing agents.

10.6 Hazardous decomposition products:
Carbon dioxide, carbon monoxide.

11. Toxicological Information

11.1 Information on toxicological effects:

Acute toxicity

Eye contact:
Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

Skin contact:
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.

Irritation and Sensitization Potential:
Product may be irritating to skin and eyes. May cause skin sensitization.

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:
Ingestion of large quantities may cause irritation of the digestive tract, nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

Toxicity to Animals:

Medium Aliphatic Petroleum Solvent:
- LD$_{50}$ (oral rat) >5000 mg/kg
- LD$_{50}$ (dermal rabbit) >2000 mg/kg
- LC$_{50}$ (inh rat) >4.3mg/L, 4 hours

d-Limonene:
- LD$_{50}$ (oral rat) >5000 mg/kg
- LD$_{50}$ (dermal rabbit) 5000 mg/kg
- RD$_{50}$ 1000 ppm

Aspiration hazard
May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material.

Chronic Exposure:

Reproductive Toxicity: Not available.
Mutagenicity: Not available.
Teratogenicity: Not available.
Specific Target Organ: No end point data.
12. Ecological Information

12.1 Toxicity:
   - Ecotoxicity: No information available.
   - Aquatic Toxicity: No information available.
12.2 Persistence and degradability: Expected to be biodegradable.
12.3 Bioaccumulation potential: No information available
12.4 Mobility in soil: No information available.
12.5 Results of PBT and vPvB Assessment: This product is not, nor does it contain a substance that is a PBT or vPvB.
12.6 Other adverse effects: None known.

13. Disposal Considerations

Dispose of product in accordance with National and Local Regulations.

14. Transport Information

UN Number: 3082
UN Proper shipping name: Environmentally Hazardous Substance, Liquid, N.O.S., (Contains: d-Limonene) LTD QTY
Transport hazard class(es): Class 9
Packing group: III
Environmental hazards: Marine Pollutant
ICAO/IATA-DGR: Environmentally Hazardous Substance, Liquid, N.O.S., (Contains: d-Limonene) LTD QTY
IMDG: Environmentally Hazardous Substance, Liquid, N.O.S., (Contains: d-Limonene) LTD QTY
*LTD QTY does not apply for packages containing greater than 5 Liters Cleaner

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

USA Federal and State
All components are listed on the TSCA inventory.

Hazard Categories for SARA Section 311/312 Reporting

<table>
<thead>
<tr>
<th>CERCLA/SARA Sec 302</th>
<th>SARA Sec. 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td>Hazardous Substance RQ</td>
</tr>
</tbody>
</table>

Components are not affected by these Superfund regulations.

NFPA Ratings: Health: 2
National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

**California Prop65**
WARNING: This product can expose you to benzene, ethylbenzene, cumene, and naphthalene which are known to the state of California to cause cancer, and toluene and benzene which are known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to www.p65warnings.ca.gov.

**Canada**
All components are listed on the DSL inventory.
This product has been classified according to the hazard criteria of the CPR.

**Australia**
All components are listed on the AICS.
Hazardous according to criteria of NOHSC Australia.

**15.2 Chemical Safety Assessment**
No chemical safety assessment has been carried out for the mixture by the supplier.

**16. Other Information**

**Abbreviations and acronyms:**
OSHA = Occupational Safety and Health Administration
CLP = Classification, Labeling and Packaging Regulation
STOT = Specific Target Organ Toxicity
LD<sub>50</sub> = Median Lethal Dose
DNEL = Derived No Effect Level
ACGIH = American Conference of Governmental Industrial Hygienists
TSCA = Toxic Substances Control Act (USA)
DSL = Domestic Substances List (Canada)
AICS = Australian Inventory of Chemical Substances

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.