SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: CableKleen™ Flooding Compound Remover
Saturated Wipe Package

Product ID number(s): CK-D300, CKD72

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses: Communications cleaning

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

Polywater Europe BV
Zuidhaven 9-11 Unit B2
4761 CR Zevenbergen
Netherlands
Tel: +31 (0)10 2330578
Email: sds@polywater.com

1.4 Emergency telephone numbers

INFOTRAC 1-352-323-3500 (USA)

2. Hazards Identification

2.1 Classification of the substance or mixture


Skin Sens 1  H317
Flam Liq 4    H227

2.2 Label elements

Contains: Petroleum distillates, hydrotreated light; d-Limonene

Pictograms:

Signal word: Warning

Hazard Statements:

H227 Combustible liquid
H317 May cause an allergic skin reaction.

Precautionary Statements:

P210 Keep away from flames and hot surfaces. No smoking.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P333 + P313 If skin irritation or rash occurs: Get medical advice.
P403 + P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local and national regulations.
2.3 Other hazards: No information available.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>EC #</th>
<th>Wt. %</th>
<th>GHS/CLP Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>64742-47-8</td>
<td>265-149-8</td>
<td>&lt; 100</td>
<td>Asp. Tox. 1 H304; EUH066, Skin Irrit. 3 H316; Flam Liq 4 H227</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>227-813-5</td>
<td>&lt; 10</td>
<td>Flam Liq 3, H226, Skin Irrit 2, H315, Skin Sens 1, H317, Aquatic Chronic 1, H410, Aquatic Acute 1, H400</td>
</tr>
</tbody>
</table>

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.

No information available.

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. Limited spill hazard with saturated towel package.

6.2 Environmental precautions:

Avoid release to the environment.
6.3 Methods materials for containment and cleaning up:
Collect towel and absorb any excess material with sand or absorbents.

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 (eg. 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>Component Name</th>
<th>Limit</th>
<th>Standard</th>
<th>Source/Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>100 ppm</td>
<td>ACGIH TWA</td>
<td>United States</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>500 ppm</td>
<td>OSHA TWA</td>
<td>United States</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>1200 mg/m³</td>
<td>RCP* TWA</td>
<td>ACGIH, Manufacturer</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>110 mg/m³</td>
<td>DFG** OEL</td>
<td>Germany</td>
</tr>
</tbody>
</table>

*reciprocal calculation procedure for total hydrocarbons
**deutsche forschungsgemeinschaft, German Research Foundation

8.2 Exposure controls
Respiratory protection:
Normal ventilation is adequate. Towelette limits solvent vapor exposure. If exposure exceeds recommended limits, respirator protection is recommended. Use a respirator or gas mask with cartridges for organic vapors (NIOSH or CE approved) with particulate pre-filter, P100 or AP2.

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

Exact break-through time has not been determined. Guidance is based on similar chemistry/material. Maximum wearing time should be determined based on 50 % of the penetration time determined by EN 374 part III.

Eye protection:
None necessary. Wipe package eliminates splash hazard. Do not allow wipe/towel to directly contact 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 and Chemical

9.1 Information of basic physical and chemical properties (bulk liquid)
Appearance: Clear, colorless liquid with a very light citrus scent.
Odor threshold: Not available
pH: Does not apply
Freezing point: <-58°F (<-50°C)
Boiling point: 365°F (185°C) Initial
Flash point: >140°F (>60.5°C), Closed Cup (PMCC)
Evaporation rate: <0.1 (n-butyl acetate = 1)
Flammability (solid, gas): Not applicable to liquids
Upper/lower flammability or explosive limits: LEL = 0.7% UEL = 6.1%-7.0%
Vapor pressure: <1 mm Hg  < 134 Pa @ 20°C
Vapor density (Air = 1): > 1.0
Specific gravity (H₂O = 1): 0.79
Solubility in water: Nil
Partition coefficient: n-octanol/water: Not available
Auto-ignition temperature: Not available
Decomposition temperature: Not available
Viscosity: Not available

9.2 Other Information
Volatiles (Weight %): 100%
VOC Content: 790 g/l

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. It may cause an allergic skin reaction.

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:**
Petroleum distillates, hydrotreated light:
- $LD_{50}$ (oral rat) >5000 mg/kg
- $LD_{50}$ (dermal rabbit) >2000 mg/kg
- $LC_{50}$ (inhl rat) >4.3mg/L, 4 hours
- d-Limonene: $LD_{50}$ (oral rat) >5000 mg/kg
  - $LD_{50}$ (dermal rabbit) 5000 mg/kg
  - RD<sub>50</sub> 1000 ppm

**Aspiration hazard**
Liquid solvent has an aspiration hazard. This route of exposure is not expected for towelette form.

**Chronic Exposure:**
- **Reproductive Toxicity:** Not available.
- **Mutagenicity:** Not available.
- **Teratogenicity:** Not available.
- **Specific Target Organ Toxicity (STOT):** No end point data.
- **Toxicologically Synergistic Products:** Not available.
- **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.

**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**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Not Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Proper shipping name</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>None known</td>
</tr>
<tr>
<td>Special precautions</td>
<td>None known</td>
</tr>
<tr>
<td>TDG</td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Hazard Categories for SARA</th>
<th>Acute</th>
<th>Chronic</th>
<th>Fire</th>
<th>Pressure</th>
<th>Reactive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 311/312 Reporting</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

<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: 1
Fire: 2
Reactivity: 0

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.

European Union
All components are listed on the European Inventory of Existing Chemical Substances (EINECS).
Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. It does not contain Substances of Very High Concern (SVHC).

Canada
All components are listed on the DSL inventory.
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS Classification: B3

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_{50} = 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

Hazard Statements:
H227 Combustible liquid
May cause an allergic skin reaction.

Revision Date: January 2, 2015
Revision Number: 5
Supersedes: October 2, 2014
Other: Not Applicable
Indication of Changes: Updated supplier address, Section 1.3, 8, 15, 16.
Updated in accordance with the provisions of OSHA 1910.1200 App D and REACH Annex II (EU No 453/2010). (GHS format)

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.