

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE AND PREPARATION

**American Polywater Corporation**  
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**Product Name: Grime-Away™  
Multi-Purpose Cleaner -  
(Saturated Towel – HTC-D72)**

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

**Chemical Description:** Water/Hydrocarbon Emulsion  
**Product Use:** Cleaning Preparation  
**Date Reviewed:** 14 November 2007  
**Reviewed By:** S. H. Dahlke

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS #</u>	<u>Weight %</u>
Isoparaffin Solvent	64742-47-8	<10
Citrus Terpenes	94266-47-4	<10
Emulsifier/Surfactant Blend	Proprietary	<8

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** CAUTION: Keep out of reach of children.

**NFPA Ratings:**  
Health: 0  
Fire: 2  
Reactivity: 0

## 4. 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.

**Skin Contact:** None Required. Material designed to be gentle on skin.

**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):** Not a likely route of exposure. However, if large volumes swallowed, do not induce vomiting or give anything by mouth. Isoparaffin 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-FIGHTING MEASURES

**Flash Point::** 89°C (PMCC) for bulk solvent.

**Flammable Limits:** Not Available

**Autoignition Temperature:** Not Available

**Hazardous Combustion Products:** Burning generates CO, CO<sub>2</sub> and smoke. Smoke may be acrid and fumes irritating.

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

**Special Precautions:** 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.

**Unusual Hazards:** Towel material will melt.

## 6. ACCIDENTAL RELEASE MEASURES

No spill hazard with saturated towel package.

## 7. HANDLING AND STORAGE

Keep containers tightly closed. Keep containers cool and dry. Use and store this product with adequate ventilation. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection:** Normal ventilation adequate

**Protective Gloves:** For people with pre-existing skin conditions such as dermatitis the use of impermeable gloves is recommended because this and other oil/grease effective cleaners may adversely affect the skin.

**Eye Protection:** None Required.

**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.

**Exposure Limits and Recommendations:** 500 ppm TLV is suggested by the manufacturer. TLV values for components have not been determined by OSHA/ACGIH.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Milky-white liquid with a light citrus odor on a polypropylene towel.

**Odor Threshold:** Not Available

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

**Specific Gravity (H<sub>2</sub>O = 1):** .98

**Solubility in Water:** Infinite (dilutes emulsion)

**VOC Content:** 98 gms/L

**Boiling Point:** IBP 100°C

**Freezing Point:** <0°C

**Evaporation Rate:** <.06 (n-butyl acetate = 1)

**Vapor Pressure:** <10.5 mm Hg @ 20°C

**Coefficient of Water/Oil Distribution:** Not Available

**pH:** Neutral

**Percent Volatiles (Weight):** >94%

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** Avoid heat, flame, sources of ignition.

**Materials to Avoid:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide.

**11. TOXICOLOGICAL INFORMATION**

<b>Eye Contact:</b>	Direct eye contact with vapors may cause eye irritation. This irritation is minimal and expected to be transient.
<b>Skin Contact:</b>	Material designed to be gentle on skin.
<b>Irritation and Sensitization Potential:</b>	This product has low skin irritation potential. It is not a sensitizer.
<b>Inhalation (Breathing):</b>	Prolonged exposure to excessively high vapor concentrations can result in irritation of nose and throat and possibly 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.
<b>Ingestion (Swallowing):</b>	Not a likely route of exposure. 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).
<b>Oral Toxicity:</b>	Material has low level of oral toxicity.
<b>Chronic Exposure:</b>	Not Available.
<b>Carcinogenic Status:</b>	This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.
<b>Reproductive Toxicity:</b>	Not Available
<b>Mutagenicity:</b>	Not Available
<b>Teratogenicity:</b>	Not Available
<b>Toxicologically Synergistic Products:</b>	Not Available

**12. ECOLOGICAL INFORMATION**

<b>Mobility:</b>	No information available.
<b>Bioaccumulation:</b>	No information available.
<b>Ecotoxicity:</b>	No information available.
<b>Other:</b>	Zero ozone depletion potential.

**13. DISPOSAL CONSIDERATIONS**

Dispose of product in accordance with national and local regulations.

**14. TRANSPORTATION INFORMATION****Transport Canada-Product Identification Number**

<b>UN Number:</b>	Not Listed
<b>Hazard Warning Label:</b>	Not Applicable

**15. REGULATORY INFORMATION**

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

<b>WHMIS Classification</b>	B3
<b>Canadian DSL</b>	All ingredients listed.
<b>United States TSCA</b>	All ingredients listed.

**16. OTHER INFORMATION**

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.