MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE AND PREPARATION

Supplier/Manufacturer:

American Polywater Corporation
11222 - 60th Street North
P.O. Box 53
Stillwater, MN 55082 USA
Phone: 1-651-430-2270
Fax: 1-651-430-3634

Polywater Europe BV
Mauritsplaat 126
NL-3012CD Rotterdam
Netherlands
Tel: +31 10 233 0578

Emergency Number: +1-651-430-2270

Product Name: Grime-Away™ Multi-Purpose Cleaner Wipes (HTC-D72, HTC-1)

Chemical Description: Cleaning Emulsion, contains Light Hydrocarbon, Surfactants and Hand Emollients

Product Use: Wipe(s) Saturated with Cleaning Preparation

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS #	EC #	Wt %
Medium Aliphatic Petroleum Solvent	64742-47-8	265-149-8	< 10%
Citrus Terpenes	94266-47-4	304-454-3	< 10%
Diethanolamine	111-42-2	203-868-0	< 0.2%

This product contains no other reportable hazardous components under 29 CFR 1910.1200. This product contains no other reportable hazardous components under European Directives 91/55/EEC.

3. HAZARDS IDENTIFICATION

Emergency Overview: May cause eye irritation. Keep away from fire and flame. Keep out of reach of children.

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

Skin Contact: Material designed to be gentle on skin. This product has low skin irritation potential.

Irritation and Sensitization Potential: Product may be irritating to skin and eyes. It is not a sensitizer.

Inhalation (Breathing): Not a likely exposure route. Saturated towel package minimizes exposure.

Ingestion (Swallowing): Maximum amount in a single saturated towel is less than 30 grams of solvent. Not a likely exposure route. Material has low level of oral toxicity. Ingestion of large quantities may cause irritation of the digestive tract and nervous system depression.

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. 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 (bulk liquid):	192°F / 89°C (PMCC)
Flammable Limits:	Not Available
Autoignition Temperature:	Not Available
Hazardous Decomposition and By-Products:	Burning generates CO, CO_2 and smoke. Smoke may be acrid and fumes irritating.
Extinguishing Media:	Carbon Dioxide, Dry Chemical or Foam.
Special Precautions:	Keep containers cool with water spray.
Unusual Hazards:	None known.

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 is 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:	Solvent is unlikely to splash eye.
Other Protective Equipment:	None known.

Exposure Limits and Recommendations:	TLV values for components have not been determined by OSHA/ACGIH.

9. PHYSICAL AND CHEMICAL PROPERTIES (bulk liquid)

Appearance:	Milky-white liquid with a light citrus odor.
Odor Threshold:	Not Available
Vapor Density (Air = 1):	Not Available
Specific Gravity (H_2O = 1):	0.98
Solubility in Water:	Dilutes emulsion
Boiling Point:	212°F / 100°C (initial)
Freezing Point:	Not Available
Evaporation Rate:	< 0.06 (n-butyl acetate = 1)
Vapor Pressure:	10.5 mm Hg @ 20°C
Coefficient of Water/Oil Distribution:	Not Available
pH:	Neutral
Volatiles (Weight %):	>90%
VOC Content:	98 g/l

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Avoid heat, flame, sources of ignition.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition and By-Products:	Carbon dioxide, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Toxicity to Animals:	Medium Aliphatic Petroleum Solvent	LD_{50} (oral rat) >5000 mg/kg LD_{50} (dermal rabbit) >2000 mg/kg LC_{50} (inhl rat) >4.3mg/L, 4 hours
	Citrus Terpenes	LD_{50} (oral rat) >5000 mg/kg LD_{50} (dermal rabbit) 5000 mg/kg RD_{50} 1000 ppm
	Diethanolamine	LD_{50} (oral rat) >750 mg/kg LD_{50} (dermal rabbit) 8100 mg/kg LCLo >200 ppm, 6 hrs
Chronic Exposure:	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.
Reproductive Toxicity:	Not Available
Mutagenicity:	Not Available
Teratogencity:	Not Available
Toxicologically Synergistic Products:	Not Available

12. ECOLOGICAL INFORMATION

Mobility:	No information available.
Biodegradability:	Expected to by biodegradable.
Ecotoxicity:	No information available.
Aquatic Toxicity:	May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with National and Local Regulations.

14. TRANSPORTATION INFORMATION

UN Number:	Not Listed
UN Proper Shipping Name:	Not Applicable
Class and Subsidiary Risk:	Not Applicable
Packing Group:	Not Applicable
TDG:	Not Regulated
ICAO/IATA-DGR:	Not Regulated
IMDG:	Not Regulated
ADR/RID:	Not Regulated

15. REGULATORY INFORMATION

USA Federal and State

All components are listed on the TSCA inventory.

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	CERCLA/SARA Sec 302 EHS TPQ	SARA Sec. 313 Toxic Release

Components are not affected by these Superfund regulations.

European Union

Product is not classified as hazardous according to European Directives 88/379/EEC and 67/548/EEC and EU Regulation (EC) No 1272/2008.

Risk Phrases: Not Applicable

Safety Phrases: Not Applicable

Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. It does not contain Substances of Very High Concern (SVHC).

Canada

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: NC

Canadian DSL: All ingredients listed.

Australia

All components are listed on the AICS.
Not considered hazardous according to criteria of NOHSC Australia. Product classified as harmful (Xn).

Contact Information:
ADAPT Australia Pty. Ltd.
11 - 19 Global Drive
Tullamarine Victoria 3043
Telephone Number. 03 9330 0666

Emergency Telephone Number: 0421 277 889

16. OTHER INFORMATION

NFPA Ratings:	Health:	1
	Fire:	0
	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.

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