1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Kimberly-Clark® Professional Waterless Hand Wipes; Kimberly-Clark® Professional Heavy Duty Hand Cleaning Wipes; WYPALL® Waterless Hand Wipes

Product Number: 58310, 91048, 91054, 91341

Date Prepared:	9/5/2003
Manufacturer:	Kimberly-Clark Corporation 1400 Holcomb Bridge Road Roswell, GA 30076-2199 United States of America
Telephone: MEDICAL EMERGENCY TRANSPORTATION EMERGENCY INFORMATION	 1-877-561-6587 Chemtrec 1-800-424-9300 1-888-346-4652

Product Use: Skin/personal cleansing

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	*CAS-No./ EINECS-No*	*%*	*EU Classification (67/548/EEC):*
Terpenes and Terpenoids (orange)	68917-57-7	0-8%	Xi N R10, R36, R43
Glycerine	56-81-5/200-289-5	0-3%	Not applicable
Non-Hazardous Ingredients	Proprietary	89-100%	Not applicable

See Section 16 for further information on EU Classification.

3. HAZARDS IDENTIFICATION

Emergency Overview: White liquid with a citrus odor on a polypropylene towel. CAUTION: Slip Hazard. May cause eye irritation. Keep away from heat and sources of ignition. Do not smoke while using this product or near surfaces wetted with this product.

EU Classification (1999/45/EC): Not classified as a dangerous substance or preparation.

Medicinal and cosmetic products in the finished form, intended for the final user are not subject the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

US OSHA Classification (29CFR1910.1200): Not Hazardous

Canadian WHMIS Classification: Not a controlled product.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Seek medical advice if cough, shortness of breath or other respiratory problems occur.

Skin contact: This product is intended for use on the skin. Seek medical advice if redness, swelling, itching or burning occurs.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion: Call a physician or Poison Control Centre immediately. If victim is conscious, rinse mouth with a small amount of water. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flashpoint: 127ºF (53ºC) (liquid only)

This product was tested in accordance with the UN Manual of Tests and Criteria, Test N.1. It passes the Preliminary Screening Test and therefore does not meet the definition of a readily combustible solid of Division 4.1.

Flammable Limits in Air % by Volume:

LEL (Lower): 0.7% (Terpenes and Terpenoids (orange))

UEL (Upper): 6.1% (Terpenes and Terpenoids (orange))

Suitable Extinguishing Media: Water, water fog, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective suit.

Unusual Fire and Explosion Hazards: No unusual hazards expected.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

CAUTION: Slip Hazard. Remove all sources of ignition. Ventilate the area. Pick up and place in a suitable container for use or disposal. Comply with all federal, state and local regulations.

7. HANDLING AND STORAGE

Avoid contact with eyes. Avoid sparks, flame and excessive heat. Do not smoke while using this product or near surfaces wetted with this product.

Recommended storage temperature 40ºF - 100ºF (5ºC - 37ºC).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	Exposure limit(s)
Terpenes and Terpenoids (orange)	None established
Glycerine	15 mg/m3 PEL-TWA (total particulate) 10 mg/m3 TLV-TWA (inhalable particulate) as mist

Ventilation: No special ventilation normally required.

Respiratory Protection: No personal respiratory protective equipment normally required.

Protective Gloves: Not required. This product is intended for use as a hand cleanser and is expected to contact the skin.

Eye Protection: None required for normal use.

For bulk processing, regular hand washing along with general body-covering clothing, safety goggles and gloves are recommended as good industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	White liquid with a citrus odor on a polypropylene towel.
Boiling point/range	200-220ºF (93.3-104.4ºC)
Melting point/range	Not applicable
Specific Gravity (water=1)	0.97-0.98
Vapor pressure	Not available
Vapor density (air=1)	>1
Solubility	Complete
pH	~6
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Percent Volatile by Volume (%)	Not available
Volatile Organic Carbon Compounds (VOC) (g/L)	<8%

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid sparks, flame and excessive heat.

Materials to avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Does not occur.

11. TOXICOLOGICAL INFORMATION

Symptoms/Effects of Overexposure:

Inhalation: None expected.

Skin contact: Prolonged skin contact may cause mild irritation in sensitive individuals. Patch testing does not indicate a potential for sensitization in humans. Patch testing does not indicate a potential for dermal irritation in humans.

Eye contact: Contact with eyes may cause irritation.

Ingestion: Not a likely route of exposure. May cause mucous membrane and gastrointestinal irritation and other adverse effects.

Chronic toxicity: Prolonged skin contact may cause mild irritation in sensitive individuals.

Medical Conditions Aggravated by Exposure: None currently known. May possibly aggravate dermatitis, psoriasis and other skin conditions.

Carcinogenicity Data: None of the components of this product is listed as a carcinogen by IARC, NTP or OSHA.

Reproductive Toxicity: No adverse effects on reproduction are known.

Acute Toxicity Values: Product: Oral LD50 (rat) >5000 mg/kg Based on an assessment of the ingredients.

12. ECOLOGICAL INFORMATION

No data is currently available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all state, local and federal regulations.

14. TRANSPORT INFORMATION

US DOT Shipping Description: Not regulated

IATA Shipping Description (Air): Not regulated

IMDG Shipping Description (Vessel): Not regulated

15. REGULATORY INFORMATION

US Regulations

EPA Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

SARA 302 Listed Chemicals: None.

SARA 311/312 Hazard Categories: None.

SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372): None.

California Proposition 65: This product does not contain chemicals listed per the Safe Drinking Water and Toxic Enforcement Act of 1986.

International Regulations

Canadian CEPA: All of the components are either listed on or exempted from the Domestic Substances List (DSL).

Canadian WHMIS Classification: Drugs and cosmetics are not subject to the Hazardous Products Act (WHMIS).

EU Labeling: Medicinal and cosmetic products in the finished form, intended for the final user are not subject the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

16. OTHER INFORMATION

HMIS Rating: Health 1 Fire 1 Reactivity 0

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):
Xi - Irritant

R10 - Flammable.

R36 - Irritating to eyes.

R43 - May cause sensitization by skin contact.

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