

KIM 91748

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND  
THE COMPANY/UNDERTAKING****Product Name:** Kimberly-Clark® Professional Super Duty Hand Cleanser with Grit;  
Kimcare Industrie® Super Duty Hand Cleanser with Grit**Product Number:** 91372, 91385, 91386, 91748, 91757, 96256

Date Prepared:	5/3/2004
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**

<i>Chemical Name</i>	<i>CAS-No. / EINECS- No</i>	<i>%</i>	<i>EU Classification (67/548/EEC):</i>
d-Limonene (Dipentene)	5989-27-5/227-813-5	3-7%	Xi N R10, R38, R43, R50/53
Lauramide DEA	120-40-1 / 204-393-1	3-7%	Xi R36
Sodium Cocoamphoacetate	68608-65-1 / 271-793- 0	1-5%	Xi R41, R38
Nonoxynol-9	9016-45-9	1-5%	Xi R36/38
TEA-Lauryl Sulfate	117875-77-1	1-5%	Xi R36/38
Non-Hazardous Ingredients	Proprietary	80-90%	Not applicable

See Section 16 for further information on EU Classification.

**3. HAZARDS IDENTIFICATION****Emergency Overview:** Green, viscous, gritty liquid with citrus odor. Combustible liquid.  
May cause eye irritation. Keep away from heat and sources of ignition. When using do not  
smoke.**EU Classification (1999/45/EC):** Xi - Irritant R10 - Flammable. N - Dangerous for the  
environment**EU Risk/Safety Phrases:** R10, R36, R43, R51/53

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):** Combustible liquid. Eye Irritant.

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

#### 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:** 131°F (55°C)

**Flammable Limits in Air % by Volume:**

**LEL (Lower):** 0.7% ( d-Limonene (Dipentene) )

**UEL (Upper):** 6.1% ( d-Limonene (Dipentene) )

**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:** Combustible liquid.

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

#### 6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate the area. Contain and collect with inert absorbent material and place in a suitable container for disposal. Comply with all federal, state and local regulations.

#### 7. HANDLING AND STORAGE

Avoid contact with eyes. When using do not smoke.

Recommended storage temperature <104°F (40°C).

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	Exposure limit(s)
d-Limonene (Dipentene)	30 ppm AIHA-Workplace Environmental Exposure Level
Lauramide DEA	None established
Sodium Cocoamphoacetate	None established
Nonoxynol-9	None established
TEA-Lauryl Sulfate	None established

**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	Green, viscous, gritty liquid with citrus odor.
Boiling point/range	>200°F (93°C)
Melting point/range	Not applicable
Specific Gravity (water=1)	0.974
Vapor pressure	Not available
Vapor density (air=1)	Not available
Solubility	Moderate
pH	8.0
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Percent Volatile by Volume (%)	60-70%
Volatile Organic Carbon Compounds (VOC) (g/L)	<97

**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 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, US OSHA or the European Directive (67/48/EEC).

**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:** Excepted from HazMat (49CFR173.150(f))

**IATA Shipping Description (Air):** Dipentene Solution, 3, UN2052, PG III

**IMDG Shipping Description (Vessel):** Dipentene Solution, 3, UN2052, PG III

**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:** Acute Health

**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 2 Reactivity 0

**EU Classes and Risk Phrases for Reference (See Sections 2 and 3):**

Xi - Irritant

N - Dangerous for the environment

R10 - Flammable.

R36 - Irritating to eyes.

R36/38 - Irritating to eyes and skin.

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

R43 - May cause sensitization by skin contact.

R50/53 - Very toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information contained herein is true and correct to the best of Kimberly-Clark's knowledge. However, no warranty, express or implied, is made. Nothing herein should be



**Kimberly-Clark**

## **SAFETY DATA SHEET**

Kimberly-Clark® Professional Super Duty Hand Cleanser  
with Grit; Kimcare Industrie\* Super Duty Hand Cleanser  
with Grit

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