

91009; 91047, 10-96251

Clsrc # 421047



Kimberly-Clark

SAFETY DATA SHEET
Kimberly-Clark® Professional Naturally Tuff(TM)
Orange Hand Cleaner with Grit

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

Product Name: Kimberly-Clark® Professional Naturally Tuff(TM) Orange Hand Cleaner with Grit

Product Number: 91032, 91035, 91039, 91041, 91045, 91047, 96251

Date Prepared:	5/4/2003
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):
d-Limonene (Dipentene)	5989-27-5/227-813-5	<10%	Xi N R10, R38, R43, R50/53
PPG-6 C12-18 Pareth-11	Proprietary	6%	Xi R36
Non-Hazardous Ingredients	Proprietary	84%	Not applicable

See Section 16 for further information on EU Classification.

3. HAZARDS IDENTIFICATION

Emergency Overview: White lotion with a 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): R10 - Flammable. N - Dangerous for the environment
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.

Canadian WHMIS Classification: Class B-3



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: 111°F (44°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

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PPG-6 C12-18 Pareth-11

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	White lotion with a citrus odor.
Boiling point/range	>212°F (100°C)
Melting point/range	Not applicable
Specific Gravity (water=1)	0.97-0.99
Vapor pressure	Not available
Vapor density (air=1)	Not available
Solubility	Moderate
pH	7.5
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Percent Volatile by Volume (%)	80-90%
Volatile Organic Carbon Compounds (VOC) (g/L)	Not available

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: 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: Fire Hazard



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.

R38 - Irritating to skin.

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.

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