



Kimberly-Clark Corporation

MATERIAL SAFETY DATA SHEET

1. Chemical Product and Company Identification

PRODUCT NAME: NATURALLY TUFF™ ORANGE HAND CLEANSER WITH GRIT ISSUE DATE: 27 Sep 99

MANUFACTURER: Sani-Fresh, International REPLACES: none
 A division of Kimberly-Clark Corporation
 4702 Goldfield MEDICAL EMERGENCY:
 San Antonio, TX 78218 1-800-228-5635 extension 140
 United States of America

INTERNAL NUMBER: C1999-1688 TRANSPORTATION EMERGENCY:
 CHEMICAL FORMULA: Mixture Chemtrec 1-800-424-9300

SYNONYMS/Common Names: Liquid or lotion cleanser INFORMATION:
 PRODUCT USE: Cleaning hands/personal consumption 1-888-346-4652

2. Composition/Information on Ingredients

Component Name	CAS Number	% by wt	OSHA PEL	ACGIH TLV
d-Limonene	5989-27-5	~10	none	none
Non-Hazardous Ingredients (as defined per 29 CFR 1910.1200)	proprietary	~90	none	none

This material is exempt from OSHA's Hazard Communication Standard per 29 CFR 1910.1200 (iii). However, this MSDS is provided as a courtesy to our customers.

3. Hazards Identification

***** Emergency Overview *****

- * Opaque white gritty lotion with citrus scent. This product is a general purpose hand cleanser and is not intended for ingestion. No unusual hazards expected. *

ACUTE: No evidence of adverse effects expected with normal usage.
 CHRONIC: No evidence of adverse effects expected with normal usage.

4. First Aid Measures

EYES: Flush eyes with plenty of water for at least 15 minutes. Contains grit and d-limonene which may irritate eyes. Seek medical advice if irritation continues.

SKIN: Wash off excess with water. This product intended for use on the hands.

INHALATION: Remove to fresh air. Not an expected route of exposure.

INGESTION: Contact Poison Control Center or medical personnel IMMEDIATELY. Give several glasses of water to drink. Never give anything by mouth to an unconscious person. Seek advice of medical personnel if gastrointestinal symptoms occur.

5. Fire Fighting Measures

FLASH POINT: Not applicable METHOD: Not applicable

AUTOIGNITION TEMPERATURE: Not applicable

FLAMMABLE LIMITS IN AIR, BY % VOLUME:
 UPPER: Not applicable
 LOWER: Not applicable

EXTINGUISHING MEDIA: Use agents suitable for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES: No special procedures.

FIRE AND EXPLOSION HAZARD: None expected.

6. Accidental Release Measures

Clean up excess material. Flush area with water.

7. Handling and Storage

Store in cool dry areas below 104° F (40° C).

8. Exposure Controls/Personal Protective Equipment

ENGINEERING CONTROLS: General room ventilation.

PERSONAL PROTECTIVE EQUIPMENT: None required. This product intended for repeated use for cleaning hands. Regular handwashing 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: Opaque white gritty lotion with citrus scent

BOILING POINT: Greater than 212 °F (100 °C)

MELTING POINT: Not applicable

SPECIFIC GRAVITY: 0.97 - 0.99

VAPOR PRESSURE: Not established

VAPOR DENSITY (Air = 1): Not established

SOLUBILITY IN WATER: Moderate

VOLATILE (VOC) CONTENT: Not established

EVAPORATION RATE (BuAc = 1): Not established

pH: 7.0 - 8.0

10. Stability and Reactivity

CHEMICAL STABILITY: STABLE UNSTABLE

HAZARDOUS POLYMERIZATION: OCCURS WILL NOT OCCUR

REACTS WITH: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide

11. Toxicological Information

No hazard in normal industrial use.

12. Ecological Information

No data available

13. Disposal Considerations

Dispose of all waste materials in accordance with all applicable federal, state, and local regulations.

14. Transport Information

DOT INFORMATION: Not Regulated

15. Regulatory Information

FEDERAL:

All components are either listed on or exempted from TSCA.

Does not contain any SARA 312 or 313 listed components.

16. Other Information

ACGIH = American Conference of Governmental Industrial Hygienists

C = Ceiling (concentration not to exceed during any part of the working exposure)

EINECS = European Union Inventory of Existing Chemical Sub

EPA = Environmental Protection Agency (US government)

OSHA = Occupational Safety and Health Administration (US government)

PEL = Permissible Exposure Limit (as prescribed by OSHA)

RCRA = Resource Conservation and Recovery Act (US EPA)

SARA = Superfund Amendment and Reauthorization Act, Title III (US EPA)

STEL = Short-Term Exposure Limit (15 minutes)

TLV = Threshold Limit Value (as prescribed by ACGIH)

TSCA = Toxic Substances Control Act (US EPA)

TWA = Time Weighted Average (8 hours)

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