



# Kimberly-Clark Corporation

## MATERIAL SAFETY DATA SHEET

### 1. Chemical Product and Company Identification

PRODUCT NAME: SANI-TUFF® Super Duty Cleanser with Grit, KREW Super Duty Cleanser with Grit      ISSUE DATE: 25 May 00

MANUFACTURER: Sani-Fresh International      REPLACES: 08 Oct 1998  
 A Division of Kimberly-Clark Tissue Co.  
 4702 Goldfield      MEDICAL EMERGENCY:  
 San Antonio, TX 78218      1-877-561-6587  
 United States of America

INTERNAL NUMBER: C1998-0755      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
TEA-Lauryl Sulfate	139-96-8	<10	NE	NE
Lauramide DEA & Linoleamide DEA	120-140-1	<10	NE	NE
d-Limonene	56863-02-6	<5	NE	NE
Nonoxynol-9	5989-27-5	<5	NE	NE
Non-Hazardous Ingredients (as defined per 29 CFR 1910.1200)	9016-45-9	<5	NE	NE
	proprietary	100	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, viscous, green, gritty liquid with citrus odor. This product is a general purpose hand cleanser \*  
 \* and is not intended for ingestion. No unusual hazards expected. \*

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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. 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: None      METHOD: COC ASTM-D-92 & PMCC ASTM-D-93

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.

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## 7. Handling and Storage

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

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## 8. Exposure Controls/Personal Protective Equipment

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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.

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## 9. Physical and Chemical Properties

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APPEARANCE AND ODOR: Opaque, viscous, green, gritty liquid with citrus odor  
BOILING POINT: >200-220  
MELTING POINT: Not established  
SPECIFIC GRAVITY: 0.974  
SOLUBILITY IN WATER: Appreciable  
VOLATILE (VOC) CONTENT: <10  
EVAPORATION RATE (BuAc = 1): Less than 1  
pH: 7.5 - 8.5

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## 10. Stability and Reactivity

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CHEMICAL STABILITY:  STABLE  UNSTABLE  
HAZARDOUS POLYMERIZATION:  OCCURS  WILL NOT OCCUR  
REACTS WITH: Strong oxidizers  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide

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## 11. Toxicological Information

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No hazard in normal industrial use.

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## 12. Ecological Information

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Relatively Biodegradable.

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## 13. Disposal Considerations

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

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## 14. Transport Information

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DOT INFORMATION: Not Regulated

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## 15. Regulatory Information

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FEDERAL:

All components are either listed on or exempted from TSCA.

Does not contain any SARA 312 or 313 listed components.

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## 16. Other Information

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ACGIH = American Conference of Governmental Industrial Hygienists  
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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