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# Kimberly-Clark Corporation

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# MATERIAL SAFETY DATA SHEET

## 1. Chemical Product and Company Identification

PRODUCT NAME: SANI-TUFF® HEAVY DUTY HAND CLEANING WIPES ISSUE DATE: 6 Mar 00

SANI-TUFF® WATERLESS HAND WIPES

MANUFACTURER: SaniFresh International
A division of Kimberly-Clark Corporation
4702 Goldfield
San Antonio, TX 78218
United States of America

REPLACES: 19 Aug 99

MEDICAL EMERGENCY:
1-800-228-5635 extension 140

TRANSPORTATION EMERGENCY:
Chemtrec 1-800-424-9300

INFORMATION:
1-888-348-4652

INTERNAL NUMBER: MSD-013
CHEMICAL FORMULA: Mixture
SYNONYMS/COMMON NAMES: Wet wipes
PRODUCT USE: Cleaning hands/personal consumption

## 2. Composition/Information on Ingredients

| Component Name | CAS Number | % by wt | OSHA PEL | ACGIH TLV |
|---|---|---|---|---|
| d-Limonene | 5989-27-5 | 0-10 | none | none |
| PEG Castor Oil | 61791-12-6 | 0-10 | none | none |
| PEG Oleate | 9004-96-0 | 0-10 | none | none |
| Non-Hazardous Ingredients (as defined per 29 CFR 1910.1200) | proprietary | 70-100 | none | none |

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

## 3. Hazards Identification

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

* Turbid white liquid with citrus odor on a polypropylene towel. Caution: Slip Hazard.
* Avoid sparks, flame and excessive heat.

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ACUTE: Towel and/or liquid may be irritating to eyes.

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

## 4. First Aid Measures

EYES: Flush eyes with plenty of water for at least 15 minutes. Seek advice of medical personnel if redness, swelling, itching, burning or visual disturbances occur.

SKIN: This product intended for use on the skin. If contact with molten polymer, cool rapidly under running water. Seek advice of medical personnel if redness, swelling, itching, or burning occurs.

INHALATION: Remove to fresh air. Seek advice of medical personnel if cough, shortness of breath or other respiratory problems occur.

INGESTION: Not a likely route of exposure. However, if large volumes swallowed, 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: 130 °F (54.4 °C) METHOD: Closed Cup

AUTOIGNITION TEMPERATURE: Not applicable

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

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam or water spray

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing. Use water to keep fire-exposed containers cool. Polymer towel will decompose under fire conditions. The associated smoke may contain polymer fragments of varying compositions in addition to toxic and/or irritating compounds.

FIRE AND EXPLOSION HAZARD: No unusual fire and explosion hazards.

## 6. Accidental Release Measures

Caution: Slip Hazard

Remove ignition sources. Ventilate the area. Clean up excess with absorbent material and place in container for reclaim, recycle or disposal.

## 7. Handling and Storage

Store in cool dry areas between 40 °F (5 °C) and 100 °F (37 °C). Avoid sparks, flame and excessive heat.

## 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: Turbid white liquid with citrus odor on a polypropylene towel

BOILING POINT: 200-220 °F (93.3-104.4°C) for the liquid portion

MELTING POINT: Not applicable

SPECIFIC GRAVITY: 0.97 – 0.98

VAPOR PRESSURE: Not available

VAPOR DENSITY (Air = 1): Less than 1

SOLUBILITY IN WATER: Soluble

VOLATILE (VOC) CONTENT: Less than 10% by volume (minus water)

EVAPORATION RATE (BuAc = 1): Greater than 1

pH: 7.5 to 8.5

## 10. Stability and Reactivity

CHEMICAL STABILITY: ☒ STABLE ☐ UNSTABLE

HAZARDOUS POLYMERIZATION: ☐ OCCURS ☒ WILL NOT OCCUR

REACTS WITH: Strong oxidizers and acids

## 11. Toxicological Information

No hazard in normal industrial use.

No irritation was seen during human dermal patch testing.

Similar formulation: Oral LD50 (rat) = greater than 5000 mg/kg

Eye Irritation (rabbit) = non-irritating

## 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
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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