

MATERIAL SAFETY DATA SHEET

Total Solutions
P.O. Box 240014
Milwaukee, WI 53224



GENERAL INFORMATION NUMBER: (414) 354-6417
CHEMTREC: (800) 424-9300

REVISION DATE: November 9, 2005
DATE OF ISSUE: December 27, 2005

I - Product Identification

Fresh Clean

PRODUCT CODE: 1442

CHEMICAL FORMULATION: Waterless hand cleanser.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u> <u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
Odorless Mineral Spirits	1.00-10.0	N/E	N/E	N	N	N	64742-48-9
Linear Alcohol Ethoxylate	1.00-3.00	N/E	N/E	N	N	N	34398-01-1
Oxidized Polyethylene	1.00-10.0	N/E	N/E	N	N	N	68441-17-8

Key: **PEL:** Permissible Exposure Limit **TLV:** Threshold Limit Value **C:** Ceiling level **STEL:** Short Term Exposure Limit
N/A: Not Applicable **N/D:** Not Determined **N/E:** Not Established **Y:** Yes **N:** No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D

SPECIFIC GRAVITY: 0.97

VAPOR PRESSURE (mm Hg): N/D

VOC CONTENT (% by weight): 0.0

VAPOR DENSITY (AIR = 1): N/D

EVAPORATION RATE (WATER = 1): N/D

SOLUBILITY IN WATER: Emulsifiable

pH: 6.50 – 8.00

APPEARANCE AND ODOR: Light blue-green, opaque liquid; pleasant fragrance.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): > 200 (TEST METHOD): Closed cup.

FLAMMABLE LIMITS IN AIR (VOLUME %)

UPPER: N/A

LOWER: N/A

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water spray. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: None.

V - Reactivity Data

STABILITY: Stable**INCOMPATIBILITY:** Strong acids and oxidizing agents.**CONDITIONS TO AVOID:** Elevated temperatures.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None**EFFECTS OF OVEREXPOSURE****IF IN EYES:** Severe irritation, redness, tearing.**IF ON SKIN:** May cause irritation with prolonged contact.**IF SWALLOWED:** Gastrointestinal irritation, nausea, vomiting, diarrhea. Contains petroleum distillates-vomiting may cause aspiration pneumonia.**IF INHALED:** None expected under normal use.**EMERGENCY AND FIRST AID PROCEDURES****IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention, if irritation persists.**IF ON SKIN:** Flush with plenty of cool water for at least 15 minutes. Obtain medical attention, if irritation persists.**IF SWALLOWED:** Contact physician or poison center immediately. Rinse mouth with water. Do not induce vomiting unless instructed by a poison control center or physician. Never give anything to an unconscious person.**IF INHALED:** Remove person to fresh air. Call a physician if irritation persists.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Contain spill and extinguish all sources of ingestion. Soak up spilled material with inert absorbent material and place in a properly labeled closed container for proper disposal. Flush residue with water.**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: None.**VENTILATION****LOCAL:** Not required**MECHANICAL:** Not required**PROTECTIVE GLOVES:** Not required.**EYE PROTECTION:** Not required.**OTHER PROTECTIVE EQUIPMENT:** Not required.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool dry area, away from heat, sparks or open flame. Wash hands before eating or smoking. Keep container tightly closed when not in use.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: None.**DOT CLASS:** None.**DOT ID NUMBER:** None.**DOT PACKING GROUP:** None.

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

REVISION DATE: November 9, 2005**Prepared by:** Technical Dept.**DATE OF ISSUE:** December 27, 2005

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Total Solutions assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material such vendees or users assume all risks associated with the use of this material