

KINZUA

KE-53PS



INSTANT HAND SANITIZER (GEL-TYPE)

An alcohol-based skin sanitizer that helps prevent the spread of germs. Powered with 60% V/V Ethyl Alcohol, this gel cleaner is effective against Pseudomonas, Staphylococcus, Salmonella, **MRSA**, **E-Coli 0157:H7**, **C. Difficile** and **VRE** as well as other pathogenic organisms. No water source is necessary with this product...it simply evaporates from the skins surface. Left behind after evaporation are a combination of effective skin conditioning emollients that leave your hands feeling fresh and clean.

FORMULA FEATURES

- ▶ Kills **VRE**, **E-Coli 0157:H7** & **MRSA**
- ▶ Reduces Nosocomial Infections
- ▶ Convenient Packaging
- ▶ No Water Source Necessary
- ▶ Sanitizes to Prevent Bacteria Growth
- ▶ Portable
- ▶ Antiseptic Power
- ▶ Kills C. Difficile

APPLICATIONS

- ▶ Use anywhere there are no water or towel sources and the need exists to reduce bacteria and bacterial transfer between regular hand washings.

AREAS OF UTILIZATION

- ▶ Emergency Response Teams
- ▶ Emergi-care Facilities
- ▶ Police and Fire Vehicles
- ▶ Food Service
- ▶ Dentists Offices
- ▶ Hospitals
- ▶ Doctors Offices
- ▶ Child Care Facilities
- ▶ Nursing Homes

Other Kinzua Products Effective Against MRSA

TUFF STUFF Non-Acid Bowl Cleaner
KE-17M Hospital Disinfectant
KE-15TOT Fogging & Spraying Disinfectant
TB rtu Disinfectant
KE-15 Surface & Air Disinfectant
DISCIDE Disinfectant Wipes

Kinzua Environmental, Inc., Cleveland, Oh. 44114
800-233-5079 / www.kinzuachem.com

KE-53PS INSTANT HAND SANITIZER



1. Use no water or towel.
2. Apply appropriate amount of cleaner to palm of hand.
3. Rub until hands are completely covered.
4. Agitate lightly until dry.
5. Let air dry for 15 seconds.
6. Do not rinse or wipe with towel.

USDA
E-4 Equivalent
Biodegradable
Phosphate Free
Mild
Emollient Enriched
pH Balanced
Water Soluble
Meets HACCP Standards

YES	NO
X	
X	
X	
X	
X	
X	
X	
X	

PRODUCT EFFICACY:

99% CFU REDUCTION (15 Second)

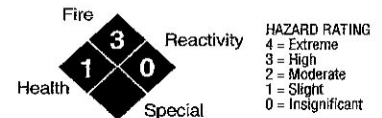
Microorganism	ATCC No.
Aspergillus niger	16404
Candida Albicans	10231
Clostridium difficile	9689
Enterococcus faecalis (VRE)	51575
Enterococcus Faecium (VRE)	51559
Escherichia Coli	8739
Escherichia Coli (0157, H7)	51657
Klebsiella pneumoniae	11296
Legionella pneumophila	33152
Listeria monocytogenes	7644
Proteus mirabilis	7002
Pseudomonas aeruginosa	15442
Salmonella choleraesuis	10708
Salmonella typhi	6539
Salmonella typhimurium	14028
Serratia marcescens	14756
Staphylococcus aureus (MSRA)	33591
Staphylococcus aureus	6538
Staphylococcus epidermidis	14990
Streptococcus pyogenes	19615

SPECIFICATION DATA:

Color Clear
 Viscosity 5,000+ cps
 Fragrance Alcohol
 pH 7.0
 Specific Gravity 0.80

PERSONAL PROTECTIVE EQUIPMENT

NOT APPLICABLE



SECTION I - PRODUCT IDENTIFICATION

See reverse side for product identification.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components	CAS#s	OSHA PEL	ACGIH TLV	Other Limits	%(Optional)
Denatured Ethanol	64-17-5	1000ppm	1000ppm	N/A	60%

*This chemical is subject to the reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point	-272° F	Specific Gravity (H ₂ O=1)	.80
Vapor Pressure (mm Hg.)	N/E	Percent Volatile By Weight (%)	>90%
pH (conc.)	7.0	Evaporation Rate (H ₂ O=1)	>1
Solubility in Water	Soluble		
Appearance and Odor	Clear Liquid-Initial Alcohol Odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 50°F TCC Flammable Limits: LEL: N/E UEL: N/E
 Extinguishing Media: Water, CO₂, Foam or media suitable for surrounding fire.
 Special Fire Fighting Procedures: Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.
 Unusual Fire and Explosion Hazards: None Known

SECTION V - PHYSICAL HAZARDS

Stability Unstable Stable Conditions to Avoid: None Known
 Incompatibility (Materials to Avoid): Do not mix with other chemicals.
 Hazardous Decomposition Products or By-products: Thermal decomposition or burning may produce toxic vapors or gases.
 Hazardous May Occur Will Not Occur Conditions to Avoid: None Known
 Polymerization Will Not Occur

N/A (Not applicable / Not available)
 N/E (Not Established)

8-07

SECTION VI - HEALTH HAZARDS

Route(s) of Entry: Inhalation? Skin? Ingestion? X
 Health Hazards (1. Acute and 2. Chronic) 1. Acute: Harmful if swallowed. Eye irritant.
 2. Chronic: None Known
 Chemical Listed as Carcinogen or Potential Carcinogen:
 National Toxicology Program: No
 I.A.R.C. Monographs: No
 OSHA: No

Signs and Symptoms of Exposure: Irritation or burning sensation.
 Medical Conditions Generally Aggravated by Exposure: May aggravate skin disorders or respiratory ailments.
 Emergency and First Aid Procedures: Eye Contact: Flush immediately with water for 15 minutes. Get medical attention. Ingestion: Rinse mouth with water. Then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken in Case Material Is Released Or Spilled: Wear appropriate protective equipment. Eliminate ignition sources. If possible, contain spill and collect in an approved container. Rinse affected area thoroughly with water. Keep product out of storm sewers or waterways. Hold for disposal. Waste Disposal Method: Dispose of in accordance with local, state and federal regulations. If possible, triple rinse container and recycle.
 Precautions To Be Taken In Handling And Storing: Avoid contact with eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place. Keep out of reach of children. Keep container tightly closed when not in use. Other Precautions: Use only according to label directions. If unsure about safe use, contact your supervisor immediately.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure. An approved dust/mist respirator would be recommended. Ventilation: Local Exhaust: As Necessary
 Mechanical (General): Adequate Special: N/A Other: N/A Protection Gloves: Not Required Eye Protection: Chemical Resistant Goggles Other Protective Clothing Or Equipment: Not Required Work/Hygiene Practices: Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply.