

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **KLEENHANZ®**  
Synonyms: Hand Cleaner and Sanitizer  
CAS Number: Not applicable to blends.

Company Identification: **The Mendoza Group, LLC**  
5710 Hausman Rd. W., Ste. 108  
San Antonio, TX 78249  
866-KLEENHANZ (For product information) 1-202-483-7616 (For emergencies - Chemtrec)

**2. COMPOSITION / INFORMATION ON INGREDIENTS****CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS**

Note: This product is not a "hazardous chemical" as regulated under the OSHA communication Standard 29CFR 1910.1200.

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Water (purified)	>99%	7732-18-5	Not established in this form.	N/A
Benzethonium Chloride	<1%	121-54-0	Not Available	N/A
Benzalkonium Chloride	<1%	63449-41-2	Not Available	N/A

**COMPOSITION COMMENT:** These ingredients are in a "finished" form, which offers no hazard.

**California Prop 65:** This product does not contain any ingredients which are known to the state of California to cause cancer, birth defects, or other reproductive harm.

**HAZARDS DISCLOSURE:** This product contains no known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200 except as listed above. As defined under Sara 311 and 312, this product contains no known hazardous materials.

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

This product is not a "hazardous chemical" as regulated under the OSHA communication Standard 29CFR 1910.1200.

HMIS/NFPA Rating:  
Health - 0, Flammability - 0, Reactivity - 0, Personal Protection Index - A  
NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme  
Protective Equipment: N/A.

**POTENTIAL HEALTH EFFECTS****INHALATION:** No hazard known or expected.**INGESTION:** No hazard known or expected.**SKIN CONTACT:** No hazard known or expected.**EYE CONTACT:** No hazard known or expected.**CHRONIC EXPOSURE:** No hazard known or expected.**AGGRAVATION OF PRE-EXISTING CONDITIONS:** No aggravation of any pre-existing conditions known or expected.**4. FIRST AID MEASURES****INHALATION FIRST AID:** If a respiratory problem develops from vapors. Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give 100% oxygen with rescue breathing or CPR as required and transport to the nearest medical facility. This is considered a highly unlikely event.**SKIN CONTACT FIRST AID:** If rash or irritation develops get medical attention. This is considered a highly unlikely event.**EYE CONTACT FIRST AID:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.**INGESTION FIRST AID:** In the event of an overdose, induce vomiting. Give large amounts of water. Never give anything by mouth to an unconscious person. Get medical attention.**STATEMENT OF PRACTICAL TREATMENT:** Always have plenty of water available for first aid. Get medical attention if any symptoms develop or persist.**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES:** Non-flammable Material. Decomposition may start at about 500°F (260°C).**AUTO IGNITION TEMPERATURE:** None.**FLASH POINT:** No Flash Point**FLAMMABLE LIMITS IN AIR, % by Volume:** Not applicable**EXTINGUISHING MEDIA:** Water, dry chemical, alcohol foam, or carbon dioxide. Water spray may be used to keep exposed material cool.**FIRE & EXPLOSION HAZARDS:** Combustion/fires produce black smoke consisting primarily of carbon dioxide, carbon monoxide, and oxides of nitrogen and chlorine.



## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Physical form requires no obvious personal protective equipment when cleaning up spills. Floors may become slippery with large spills.

**SPILLS PROCEDURE:** Collect material for reuse or disposal.

**ENVIRONMENTAL PRECAUTIONS:** Not applicable.

## 7. HANDLING AND STORAGE

**RECOMMENDED STORAGE CONDITIONS:** Avoid conditions of extreme heat or cold, and extended UV exposure.

**SHELF LIFE:** See Label on packaging.

**HANDLING (PERSONNEL):** Handle in accordance with good hygiene and safety procedures.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**AIRBORNE EXPOSURE LIMITS:** None Established.

**VENTILATION SYSTEM:** A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

**PERSONAL RESPIRATORS (NIOSH APPROVED):** If the respirable particulate exposure limit is exceeded, wear a NIOSH approved dust mask.

**SKIN PROTECTION:** In normal industrial use no skin protection is required.

**EYE PROTECTION:** Not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**FORM:** liquid

**ODOR:** None

**SOLUBILITY IN WATER:** complete

**MELTING/FREEZING POINT:** 32°F (0°C)

**AUTO IGNITION TEMPERATURE:** none

**pH:** 7-9

**VOC =** None

**COLOR:** colorless

**BOILING POINT:** 212 F (100C)

**SPECIFIC GRAVITY:** Variable 1.00 g/ml.

**Evaporation Rate:** same as water

**FLASH POINT:** None

**VAPOR PRESSURE:** @ 72°F Not applicable



## 10. STABILITY AND REACTIVITY

**STABILITY:** The material is stable.

**CONDITIONS TO AVOID:** High heat and cold.

**POLYMERIZATION:** Polymerization cannot occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:** None reasonably foreseeable.

**DECOMPOSITION:** Combustion/fires produce black smoke consisting primarily of carbon dioxide, carbon monoxide, and oxides of nitrogen and chlorine.

## 11. TOXICOLOGICAL INFORMATION

**Toxicity:** There are no toxicological data for this material. Adverse health effects are not known nor are expected under normal use.

**Local effects:** Not known to occur with this material.

**Sensitization:** Not known to occur with this material.

**Long term toxicity:** Adverse health effects are not known nor are expected under normal use.

## 12. ECOLOGICAL INFORMATION

Material offers no known environmental hazard.

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Whatever cannot be saved for recovery or recycling should be handled as a non hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of material in accordance with federal, state and local requirements.

**CONTAMINATED MATERIALS:** Wash contaminated clothing before reuse.

**14. TRANSPORTATION INFORMATION****Domestic (Land, D.O.T.), International (Water, I.M.O.), International (Air, I.C.A.O.)**

PRODUCT LABEL: KLEENHANZ®

UN NUMBER: Non-Regulated material

PACKAGE CLASS: NA

D.O.T. HAZARD CLASS: NA

D.O.T. PROPER SHIPPING NAME: Not regulated

PACKING GROUP: NA

PRODUCT RQ (LBS): None

**15. REGULATORY INFORMATION****FEDERAL REGULATORY STATUS**

**OSHA Classification:** Product is NOT hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Poison Schedule:** None allocated.

**WHMIS:** This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). Other inventory lists: ENCS (Japan), Korea, Australia, China (Draft), PICCS (Philippines), Japan (ENCS).

**16. OTHER INFORMATION**

Prepared By: Donato Polignone, MSDS Authoring

Part Number: N/A

Approval Date: February 19, 2010

Supersedes Date: December 15, 2009

**ADDITIONAL INFORMATION:**

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-1998)

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of The Mendoza Group, LLC. The data on this sheet are related only to the specific material designated herein. The Mendoza Group, LLC. assumes no legal responsibility for use or reliance upon these data.

END OF MSDS