

SAFETY DATA SHEET



ALCOHOL-FREE SANITIZING WIPES

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

- ITEM NUMBER(S): KL-SANWIPES1500
- PRODUCT NAME: **ALCOHOL-FREE SANITIZING WIPES**
 - KL-SANWIPES1500: 1500CT 4/CS

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE

- RECOMMENDED USE: For sanitizing of hands and surfaces .
- IDENTIFIED USERS: For sale to, use, and storage by service professionals only.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

- MANUFACTURER/
SUPPLIER: **BradyPLUS**
7055 Lindell Road
- ADDRESS: Las Vegas, NV 89118
- BUSINESS PHONE: (877)877) 788-PLUS
- WEBSITE: BradyPLUS.com
- EMERGENCY PHONE: CHEMTREC: 1-800-424-9300 (NORTH AMERICA)
1-703-527-3887 (INTERNATIONAL)

1.4 OTHER PERTINENT INFORMATION

- This product is sold and used in relatively small volumes. This SDS has been developed to address safety concerns affecting small volume handling situations and those involving warehouses and workplaces where large numbers of these items are stored or distributed.

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

OSHA/HCS Status

Classification of the Substance or Mixture Not rated as a hazardous material under OSHA hazard classification definitions (29 CFR 1910.1200, Appendices A and B). The following label elements have been prepared based on prudent practice for use, accident response and storage.

2.2 LABEL ELEMENTS:

ELEMENT

Hazard Pictograms

Not Applicable

Signal Word

Not Applicable

Hazard Statements

Not Applicable

Precautionary Statements

Prevention

P103: Read label before use.

Response

P313: In case of accidental exposure, seek medical advice if irritation persists.

Storage

P410+403: Store in a cool dry place at room temperature away from direct sunlight. Triple rinse container and offer for recycling.

Disposal

P501: Dispose of contents and container according to the local, city, state and federal regulations.

2.3 OTHER PERTINENT HAZARDS NOT OTHERWISE CLASSIFIED

- Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

This product consists of fiber wipes moistened with the following formulation.

CHEMICAL	CAS NUMBER	GHS HAZARD CLASSIFICATION FOR CHEMICAL	% (w/w)
Benzalkonium Chloride	68424-85-1	Acute toxicity, Oral (Category 4); Skin corrosion (Category 1B); Serious eye damage (Category 1)	0.13%
The remainder of the ingredients in this product present no physical or health hazards at the concentration present in the liquid component of the wipes.			Balance

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

AREA EXPOSED

Eye Contact

Flush with copious amounts of water. "Roll" eyes during flush. Check for and remove contact lenses. Seek medical attention if irritation persists.

Skin Contact

Rinse thoroughly with water and medical attention if irritation if any irritation occurs.

Inhalation

Obtain fresh air if vapors cause irritation.

Ingestion

If conscious only: Rinse mouth with water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

ACUTE HEALTH EFFECTS:

AREA EXPOSED

Eye Contact

Exposure to liquid component may cause mild eye irritation.

Skin Contact

No adverse effects are anticipated.

Inhalation

No adverse effects are anticipated.

Ingestion

No adverse effects are anticipated.

CHRONIC HEALTH EFFECTS: Not applicable..

TARGET ORGANS: Not applicable.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- GENERAL INFORMATION: For all exposures:** In case of accident, or if you feel unwell, seek medical advice immediately. Take this document and a copy of the label to the healthcare professional.
- RECOMMENDATIONS TO PHYSICIANS:** Treat symptomatically.
- MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** None reported.

5. FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

- RECOMMENDED FIRE EXTINGUISHING MEDIA:** Dry Powder, Foam, Carbon Dioxide, or any other Class ABC extinguisher.
- UNSUITABLE FIRE EXTINGUISHING MEDIA:** None known.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

NFPA FLAMMABILITY CLASSIFICATION:

NFPA Rating



NFPA Classification

Not flammable.

5. FIRE-FIGHTING MEASURES Continued

- **UNUSUAL HAZARDS IN FIRE SITUATIONS:**

- Decomposition Products**

- Carbon dioxide, carbon monoxide, compounds containing nitrogen and chlorine, and irritating vapors.

- Explosion Sensitivity to Mechanical Impact**

- Not applicable.

- Explosion Sensitivity to Static Discharge**

- Not applicable.

5.3 **ADVICE FOR FIREFIGHTERS**

- Self-Contained Breathing Apparatus and full protective equipment for fire response should be worn in any situation. Move containers from fire area if it can be done without risk to personnel. Otherwise, use water spray to keep fire-exposed containers cool. Because this product is a cleaning agent, any equipment that comes in contact with this product can be rinsed thoroughly with water and then returned to service.

6. ACCIDENTAL RELEASE MEASURES

6.1 **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**

The following procedures are applicable only to excess liquid that may be spilled from damaged containers:

- **RESPONSE TO INCIDENTAL RELEASES:** Personnel who have received basic chemical safety training can generally handle small-scale releases. Use caution during clean-up; contaminated floors and items may be slippery.
- **RESPONSE TO NON-INCIDENTAL RELEASES:** Generally, releases of this product will be no larger than the loss of one shipment of material. Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incidental chemical releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel.
- **RESPONSE PROCEDURES FOR ANY RELEASE:** Absorb spilled liquid with polypads or other suitable absorbent materials. Rinse area thoroughly.

6.2 **ENVIRONMENTAL PRECAUTIONS**

- Avoid accidental dispersal of spilled material into soil, waterways and sewers.

6.3 **METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

- **SPILL RESPONSE EQUIPMENT:** Polypad or other absorbent material.

6.4 **REFERENCES TO OTHER SECTIONS**

- **SECTION 8:** For exposure levels and detailed personal protective equipment recommendations.
- **SECTION 13:** For waste handling guidelines.

7. HANDLING AND STORAGE

7.1 **PRECAUTIONS FOR SAFE HANDLING**

- Hygiene Practices**

- Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of vapors, mists, sprays. Use in well-ventilated area. Avoid contact with eyes

- Handling Practices**

- Employees must be appropriately trained to use this product safely as needed. Keep away from heat, sparks, and flame. Store in a closed container away from incompatible materials.

7.2 **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

- Storage Practices**

- Store away from sources of intense heat.

- Incompatibilities**

- See Section 10 (Stability and Reactivity).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

- **AIRBORNE EXPOSURE LIMITS:** Airborne exposures are not anticipated when the product is used in pre-packaged form.
- **BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS:** Not applicable.

8.2 EXPOSURE CONTROLS

Engineering Controls	Use in well-ventilated environment.
Respiratory Protection	None needed in normal circumstances of use.
Hand Protection	None needed in normal circumstances of use. Neoprene, nitrile, or butyl gloves are recommended in the event of spill response. Ensure gloves are intact prior to use.
Eye Protection	None needed in normal circumstances of use. Safety glasses or goggles in the event of spill response.
Body Protection	None needed in normal circumstances of use.

8.3 PERSONAL PROTECTION SYMBOLS

Hand Protection
(Spill Response)



Eye Protection
(Spill Response)



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Wipes.
Odor	Citrus scent.
Odor Threshold	Not determined.
pH	7.0- Tested using the liquid component of the towelette.
Melting Point/Freezing Point	Not applicable.
Initial Boiling Point/Boiling Range	100 °C (212 °F) - Tested using the liquid component of the towelette.
Flash Point	Not applicable.
Evaporation Rate (nBuAc= 1)	Not determined.
Flammability	No data available.
Upper/Lower Explosive Limits	Not determined.
Vapor Pressure	23 hPA (17 mmHg).
Vapor Density	Not determined.
Relative Density	Approximately 1.0 - Tested using the liquid component of the towelette.
Solubility	Liquid component is soluble in water.
Partition Coefficient/n-octanol/water	Not determined.
Autoignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	Not applicable.

9.2 OTHER INFORMATION

- **VOC (less water & exempt):** 2.4%.
- **WATER:** 97.6%
- **ORGANIC SOLVENTS:** 1.0%.

10. STABILITY AND REACTIVITY

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.

10. STABILITY AND REACTIVITY Continued

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID

- Avoid contact with incompatible chemicals.

10.5 INCOMPATIBLE MATERIALS

- Strong oxidizing agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Products of thermal decomposition include oxides of carbon (i.e., carbon monoxide and carbon dioxide), compounds containing nitrogen and chlorine, and irritating vapors.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- **ACUTE TOXICITY:**

- **PRODUCT TOXICITY DATA:**

- Acute Toxicity Estimate (oral) > 2000 mg/kg
 - Acute Toxicity Estimate (dermal) > 2000 mg/kg

- **TOXICOLOGY DATA:** The following data are available for components of this product.

- **BENZALKONIUM CHLORIDE**

- LD50 (oral, rat) = 426 mg/kg

- **DEGREE OF IRRITATION:** The liquid component of this product may cause mild eye irritation, especially upon prolonged exposure. See Section 4 (First Aid Measures) for more details.

- **SENSITIZATION:** The components of this product are not reported to have skin or respiratory sensitization effects.

- **REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE:** See Section 2 (Hazards Information) and Section 4 (First-Aid Measures) for additional details.

- Eyes**

- The liquid may be mildly irritating to the eyes.

- Skin**

- Prolonged exposure to liquid component may cause mild skin irritation.

- Inhalation**

- No adverse effects are anticipated.

- Ingestion**

- No adverse effects are anticipated.

- **CHRONIC TOXICITY:**

- **CARCINOGENICITY STATUS:** Not applicable.

- **REPRODUCTIVE TOXICITY INFORMATION:** The components of this product are not reported to cause reproductive effects under typical circumstances of exposure.

- **MUTAGENIC EFFECTS:** The components of this product are not reported to cause mutagenic effects under typical circumstances of exposure.

- **SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:** Not applicable.

- **SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:** Not applicable.

- **ASPIRATION HAZARD:** No corresponde.

- **OTHER INFORMATION:**

- **TOXICOLOGICALLY SYNERGISTIC PRODUCTS:** None known.

- **ADDITIONAL TOXICOLOGY:** Not applicable.

12. ECOLOGICAL INFORMATION

12.1 TOXICITY

- Based on available data, this product is not known to be harmful to terrestrial or aquatic plants or animals.

12.2 PERSISTENCE AND DEGRADABILITY

- When released into the soil, the liquid component of this product is expected to biodegrade, dissipate in soils via oxidation, or otherwise chemically degrade or photo-decompose via solar radiation.

12.3 BIOACCUMULATIVE POTENTIAL

- The components of this product are not anticipated to bioaccumulate.

12.4 MOBILITY IN SOIL

- It is to be expected the liquid component of this product will have some mobility in soil.

12.5 OTHER ADVERSE EFFECTS

- None reported.

13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

- Dispose of in accordance with local, State and Federal regulations.

13.2 DISPOSAL CONSIDERATIONS

- EPA RCRA WASTE CODE:** Not applicable to wastes consisting only of this product.

14. TRANSPORT INFORMATION

14.1 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

- DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS SHIPPING REGULATIONS:**

UN/NA Number	Proper Shipping Name	Packing Group	Hazard Class	Label	North American Emergency Response Guide #	Marine Pollutant Status
NOT APPLICABLE						

- IATA DESIGNATION:** This product is not regulated as dangerous goods by the International Air Transport Association.
- IMO DESIGNATION:** This product is not regulated as dangerous goods by the International Maritime Organization.

14.2 ENVIRONMENTAL HAZARDS

- None described, as related to transportation.

14.3 SPECIAL PRECAUTIONS FOR USERS

- Not applicable.

14.4 TRANSPORT IN BULK

- Not applicable.

15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT

- **OTHER IMPORTANT U.S. REGULATIONS**

- **U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21):** Not applicable.
- **U.S. CERCLA REPORTABLE QUANTITY (RQ):** Not applicable.
- **U.S. SARA 313:** No component is subject to the reporting requirements.
- **U.S. TSCA INVENTORY STATUS:** All components of this product are listed on the TSCA Inventory.
- **CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS:** Not applicable.

- **INTERNATIONAL REGULATIONS**

- **CANADIAN REGULATORY STATUS: CANADIAN REGULATORY STATUS:** The product is not classified as hazardous under Hazardous Products Regulations (SOR-2015-17).
 - This SDS contains all the information required by the HPR.
- **CANADIAN DSL/NDL INVENTORY STATUS:** The listed components of this product are on inventory or exempted.
- **CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITY SUBSTANCES LISTS:** The components of this product are not on the CEPA Priority Substances Lists.

16. OTHER INFORMATION

16.1 INDICATION OF CHANGE

- DATE OF REVISION: N/A
- SUPERCEDES: 2/12/2025
- CHANGE INDICATED: Initial Publishing.

KEY LITERATURE REFERENCES AND SOURCES FOR DATA

16.2

- SAFETY DATA SHEETS FOR COMPONENT PRODUCTS.
- Federal OSHA Hazard Communication Standard: 29 CFR 1910.1200.

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

Product as SOLD

Health	0
Flammability	0
Physical Hazard	0

Protective
Equipment

-

HMS Personal Protective Equipment Rating: Spill response situations: B - Safety glasses and gloves.

16.4 DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

16. OTHER INFORMATION Continued

16.5 ABBREVIATIONS AND ACRONYMS

ALL SECTIONS: OSHA: U.S. Federal Occupational Safety and Health **ALL SECTIONS:** OSHA: U.S. Federal Occupational Safety and Health Administration. WHMIS: Canadian Workplace Hazardous Materials Standard. GHS: Globally Harmonized System of Classification of Chemical Substances.

SECTION 3: CAS Number: Chemical Abstract Service Number, which is used by the American Chemical Society to uniquely identify a chemical.

SECTION 5: NFPA: National Fire Protection Association. NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (F.P.) and boiling point (BP) to classify flammable or combustible liquids. Class IA: F.P. below 73°F and BP below 100°F. Class IB: F.P. below 73°F and BP at or above 100°F. Class IC: F.P. at or above 73°F and BP at or above 100°F. Class II: F.P. at or above 100°F and below 140°F. Class IIIA: F.P. at or above 140°F and below 200°F. Class IIIB: F.P. at or above 200°F. NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.

SECTION 8: NE: Not established. ACGIH: American Conference of Government Industrial Hygienists; TWA: Time-Weighted Average (over an 8-hour work day); STEL: Short-Term Exposure Limit (15-minute average, no more than 4-times daily and each exposure separated by one-hour minimally); C: Ceiling Limit (concentration not to be exceeded in a work environment). PEL: Permissible Exposure Limit. NIOSH: National Institute of Occupational Safety and Health; REL: Recommended Exposure Limit. ppm: Parts per Million. mg/m³: Milligrams per cubic meter. mppcf: Millions of Particles per Cubic Foot. BEI: Biological Exposure Limit.

SECTION 9: pH: Scale (0 to 14) used to rate the acidity or alkalinity of aqueous solutions. For example, a pH value of 0 indicates a strongly acidic solution, pH of 7 indicates a neutral solution, and a pH value of 14 indicates an extremely basic solution. FLASH POINT: Temperature at which a liquid generates enough flammable vapors so that ignition may occur. AUTOIGNITION TEMPERATURE: Temperature at which spontaneous ignition occurs. LOWER EXPLOSIVE LIMIT (LEL): The minimal concentration of flammable vapors in air which will sustain ignition. UPPER EXPLOSIVE LIMIT (UEL): The maximum concentration of flammable vapors in air

which will sustain ignition. $\approx$: Approximately symbol. VOC: Volatile Organic Compound.

SECTION 11: CARCINOGENICITY STATUS: NTP: National Toxicology Program. IARC: International Agency for Research on Cancer. REPRODUCTIVE TOXICITY INFORMATION: Mutagen: Substance capable of causing chromosomal damage to cells. Embryotoxin: Substance capable of damaging the developing embryo in an overexposed female. Teratogen: Substance capable of damaging the developing fetus in an overexposed female. Reproductive toxin: Substance capable of adversely affecting male or female reproductive organs or functions. TOXICOLOGY DATA: LDxx or LCxx: The Lethal Dose or Lethal Concentration of a substance which will be fatal to a given percentage (xx) of exposed test animals by the designate route of administration. This value is used to assess the toxicity of chemical substances to humans. TDxx or TCxx: The Toxic Dose or Toxic Concentration of a substance which will cause an adverse effect to a given percentage (xx) of exposed test animals by the designate route of administration.

SECTION 12: EC50: Effect Concentration (on 50% of study group); BOD: Biological Oxygen Demand. COD: Chemical Oxygen Demand. ThOD: Theoretical Oxygen Demand. TLM: Median Tolerance Limit.

SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this act are found in 40 CFR, Sections 260 ff, and define the requirements of hazardous waste generation, transport, treatment, storage, and disposal. EPA RCRA Waste Codes: Defined in 40 CFR Section 261.

SECTION 15: CERCLA: Comprehensive Environmental Response Compensation and Liability Act (a.k.a. "Superfund") and SARA: (Superfund Amendment and Reauthorization Act). The regulations promulgated under this Act are located under 40 CFR 300 ff. and provide "community right-to-know" requirements. TSCA: Toxic Substances Control Act: Rules regulating the manufacture and sale of chemicals found in 40 CFR 700-766. DSL/NDL: Canadian Domestic Substances and Non-Domestic Substances Lists.

SECTION 16: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATING: This is a rating system used by industry to summarize physical and health hazards to chemical users and was originally developed by the National Paint and Coating Association. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.