

Material Safety Data Sheet
Applause Hand Sanitizer

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CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 6930

SECTION I - IDENTIFICATION

PRODUCT NAME: Applause Hand Sanitizer
PRODUCT CODE: 6930
PRODUCT USE: Hand Sanitizer

SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Ethyl Alcohol	75-28-5	1000 ppm	1000 ppm

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Flammable liquid, keep away from heat, sparks, or open flame.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: May cause mild irritation.
INGESTION: Not a likely route of exposure under normal product handling conditions.
INHALATION: No hazards with normal use. May cause irritation of the respiratory tract.
SKIN: Product is meant to be applied to skin. If you suspect a reaction discontinue use take off clothing and rinse skin immediately with water for 15-20 minutes.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
CHRONIC HEALTH HAZARDS: None known
CARCINOGENICITY:
OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.
INGESTION: Induce vomiting under the direction of a physician. Seek immediate medical attention.
INHALATION: Move to fresh air. If breathing difficulty persists, seek medical attention.
SKIN: First aid is not normally required.
NOTE TO PHYSICIAN: None

SECTION V – FIRE-FIGHTING MEASURES

FLASH POINT: 65° F TCC
FLAMMABLE LIMITS IN AIR, (% BY VOLUME) **UPPER:** N/A **LOWER:** N/A
EXTINGUISHING MEDIA: Carbon dioxide, standard chemical fire extinguisher, and water fog.
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.
UNUSUAL FIRE AND EXPLOSION HAZARDS: FLAMMABLE. Keep away from heat, sparks, open flames and other sources of ignition.
HAZARDOUS COMBUSTION PRODUCTS: None known

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SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Away from extremes of temperature. Keep container tightly sealed when not in use. Keep out of the reach of children.

OTHER PRECAUTIONS: None

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust should be adequate.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

PROTECTIVE CLOTHING: Safety glasses and chemical resistant gloves are recommended.

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, Colorless Liquid

PHYSICAL STATE: Viscous Liquid

FREEZING POINT: Not Tested

VAPOR DENSITY (AIR=1): 1

SPECIFIC GRAVITY (H₂O=1): 0.90 @ 77° F (25° C)

SOLIDS (%): Not tested

VOLATILITY INCLUDING WATER (%): > 80

DIELECTRIC STRENGTH (Volts): N/A

ODOR: Citrus-Orange and alcohol scent

BOILING POINT: 212

VAPOR PRESSURE (mm Hg): 17.5 @ 77°F (25°C)

EVAPORATION RATE: > 1

pH: 10.2

SOLUBILITY IN WATER: 100%

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat, open flames, sparks, hot surfaces, and sources of ignition.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Ethyl Alcohol (64-17-5) LC₅₀ (Inhalation, Mouse, 4hr) 39 gm/m³; LC₅₀ (Inhalation, Rat, 10hr) 20,000 ppm; LD₅₀ (Oral, Mouse) 3450 mg/kg; LD₅₀ (Oral, Rabbit) 6300 mg/kg; LD₅₀ (Oral, Rabbit) 7060 mg/kg

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Ethyl Alcohol (64-17-5) LC₅₀ (Fish, 96hr) 12,900-15,300 mg/L; LC₅₀ (Bacteria, 24hr) 11,200 mg/L; EC₅₀ (Bacteria, 5-30 min) 34,900 mg/L

SECTION XIII – DISPOSAL CONSIDERATIONS

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SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS/DIVISION: None

PACKAGING GROUP:

AIR SHIPMENT

PROPER SHIPPING NAME: Ethanol Solution

UN/NA NUMBER: UN 1170

PACKAGING GROUP: III

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Ethanol Solution

UN/NA NUMBER: UN 1170

PACKAGING GROUP: III

NOTE:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Fire Hazard

SARA 311/312 HAZARD CATEGORIES: Ethyl Alcohol (64-17-5) Acute Health, Chronic Health, Fire

SARA 313 REPORTABLE INGREDIENTS: Ethyl Alcohol (64-17-5) acute, chronic, flammable.

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: Ethyl Alcohol (64-17-5) WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC). DSCL (EEC): R11- Highly flammable. S7- Keep container tightly closed. S16 - Keep away from sources of ignition - No smoking.

NFPA HEALTH: 1

NFPA FLAMMABILITY: 3

NFPA REACTIVITY: 0

NFPA OTHER: N/A

HMIS HEALTH: 1

HMIS FLAMMABILITY: 3

HMIS REACTIVITY: 0

HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Mitch Whitney

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