Safety Data Sheet
Applause

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Applause
PRODUCT CODE: 6930
RECOMMENDED USE: Hand Sanitizer
RESTRICTIONS ON USE: None known.
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: PO Box 624, Brenham, TX 77834
COMPANY PHONE: 800-231-0454
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Liquid: Category 2
Eye Irritant: Category 2A
Specific Target Organ Toxicity (Single Exposure): Category 3
HAZARD STATEMENT(S): DANGER: Highly flammable liquid and vapor**.** Causes serious eye irritation. May cause drowsiness or dizziness.
This product contains the following percentage of chemicals of unknown toxicity**:** N/A
PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Wear eye protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. In case of fire use dry chemical, foam, or carbon dioxide. Store in a well-ventilated place. Keep cool. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Avoid breathing mist, vapors or spray. Use only outdoors or in well-ventilated areas. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Keep container tightly closed. Dispose of contents and container in accordance with local, state, and federal regulations. For large quantities: Ground or bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Ethyl alcohol	64-17-5	60%
Isopropyl alcohol	67-63-0	1-5%

Trade Secret Information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION IV - FIRST AID MEASURES

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops.
INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If heartbeat or breathing seem irregular, seek immediate medical attention.
SKIN: First aid is not normally required.
ACUTE HEALTH HAZARDS: Causes eye irritation including redness, tearing, and pain. Inhalation of vapors may cause nausea, dizziness and drowsiness.
CHRONIC HEALTH HAZARDS: Long-term exposure may cause dermatitis.
NOTE TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, standard chemical fire extinguisher, and water fog.
UNSUITABLE EXTINGUISHING MEDIA: N/A
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: N/A
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, hydrocarbons.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.
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 local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.
RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Do not use or store near heat, open flames or other sources of ignition. Store in a cool, dry area. Keep container tightly closed when not in use. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F.
OTHER PRECAUTIONS: Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
INCOMPATIBILITY: Strong alkalis, oxidizers, bases, reactive metals, and natural rubber.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Ethyl alcohol	1000 ppm	1000 ppm
Isopropyl alcohol	Not Established	200 ppm

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust should be adequate.
RESPIRATORY PROTECTION: Not required
PERSONAL PROTECTIVE EQUIPMENT: None
ADDITIONAL MEASURES: Take precautionary measures against static discharge. Wear eye protection. Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, Colorless Gel
ODOR: Lemon.
ODOR THRESHOLD: N/D
pH: 7-7.8
MELTING POINT/FREEZING POINT: N/D
INITIAL BOILING POINT AND BOILING RANGE: N/D
FLASH POINT: N/D
EVAPORATION RATE: N/D
FLAMMABILITY (solid/gas): Highly Flammable Liquid
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
LOWER FLAMMABILITY LIMIT: N/A
UPPER FLAMMABILITY LIMIT: N/A
EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): Not Established
VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H2O=1): 0.895-0.915 @ 77° F (25° C)
SOLUBILITY(IES): 100% water.
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.
CHEMICAL STABILITY: Stable.
POSSIBLE HAZARDOUS REACTIONS: None known.
CONDITIONS TO AVOID: Excess heat, open flame, sparks, electric equipment, ignition sources and incompatible materials.
INCOMPATIBLE MATERIALS: Strong alkalis, oxidizers, bases, reactive metals, and natural rubber.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Ethyl alcohol (64-17-5): LC_{50} (Inhalation, Rat, 4h) 133.6 mg/L; LD_{50} (Oral, Rat) > 8311 mg/kg; LD_{50} (Dermal, Rabbit) 16972.5 mg/kg. **Isopropyl alcohol** (67-63-0): LD_{50} (Oral, Rat) 5045 mg/kg; LD_{50} (Dermal, Rabbit) 12870 mg/kg; LC_{50} (Inhalation, Rat, 4h) 78.6 mg/L.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation
EYES: Causes irritation, redness, tearing, pain.
INGESTION: Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation.
INHALATION: May cause dizziness with excessive or prolonged exposure.
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.
ACUTE HEALTH HAZARDS: Causes eye irritation including redness, tearing, and pain. Inhalation of vapors may cause nausea, dizziness and drowsiness.
CHRONIC HEALTH HAZARDS: Long-term exposure may cause dermatitis.
CARCINOGENICITY: OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A Ethyl alcohol possesses properties that indicate a carcinogenicity hazard for human health, but these are manifest only at doses associated with consumption of alcoholic beverages.

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Ethyl alcohol (64-17-5): LC_{50} (Fish, 96h) 12,900 - 15,300 mg/L; LC_{50} (Bacteria, 24h) 11,200 mg/L; EC_{50} (Bacteria, 5 - 30m) 34,900 mg/L. **Isopropyl alcohol** (67-63-0): LC_{50} (*Pimephales promelas*, 96h) 9640 mg/L; EC_{50} (*Daphnia magna*, 48h) 13299 mg/L; EC_{50} (*Desmodesmus subspicatus*, 72h) > 1000 mg/L.
PERSISTENCE AND DEGRADABILITY: Component or components of this product are expected to biodegrade over time.
BIOACCUMULATIVE POTENTIAL: Component or components in this product are not expected to bioaccumulate.
MOBILITY IN SOIL: Component or components in this product are mobile in soil.
OTHER ADVERSE EFFECTS: None known.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.
RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Packaging less than or equal to 1.3 Gallons: Cleaning Compound, N.O.S.
Packaging larger than 1.3 Gallons: Ethanol Solutions.
HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: UN1170

PACKING GROUP: For inner packagings less than or equal to 5 liters, PG III (PG reclassified per CFR 173.121(b) Criteria for inclusion of viscous Class 3 materials in Packing Group III, allowing for LTD QTY status per CFR 173.150), else for larger non-bulk containers PG II.

AIR SHIPMENT
PROPER SHIPPING NAME: Ethanol Solutions.
HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: UN1170
PACKING GROUP: For packagings less than or equal to 10 liters, PG III (PG reclassified per IARC Dangerous Goods Regulations 3.3.3.1.1 (a)-(d) for Viscous Substances). For larger non-bulk containers PG II.

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Ethanol Solutions.
HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: UN1170
PACKING GROUP: For inner receptacles less than 450 Liter, PG III (PG reclassified per IMDG Chapter 2.3, paragraph 2.3.2.2 for Viscous Flammable Liquids), otherwise PG II
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): **Ethyl acetate** (141-78-6) Reportable Quantity = 5000 pounds. **Acrylic acid** (79-10-7) Reportable Quantity = 5000 pounds. **Cyclohexane** (110-82-7) Reportable Quantity = 1000 pounds.
SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure).
SARA 313 REPORTABLE INGREDIENTS: This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.
STATE REGULATIONS: **California Proposition 65:** None. **Triethanolamine** (102-71-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, MA, MN, NJ, PA, RI, WI.
INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia); Domestic Substances List (DSL, Canada); Inventory of Existing Chemical Substances in China (IECSC, China); Existing and New Chemical Substances (ENCS, Japan); Korea Existing Chemical Inventory (KECI, Korea); Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines).
VOLATILE ORGANIC COMPOUNDS (VOC): 62%

NFPA HEALTH:	1	**HMIS HEALTH:**	1
NFPA FLAMMABILITY:	3	**HMIS FLAMMABILITY:**	3
NFPA REACTIVITY:	0	**HMIS REACTIVITY:**	0
NFPA OTHER:	None	**HMIS PROTECTION:**	A

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Craig Bernard
DATE PREPARED: 10/30/2013
REVISION DATE: 10/02/2024

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability 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 hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.