

Material Safety Data Sheet – EPIC FOOD CONTACT SURFACE SANITIZER – ITEM # EP 720

Section 1: Product & Company Identification

Trade Name:	EPIC FOOD CONTACT SURFACE SANITIZER – ITEM # EP 720	
EPA Number.....	EPA REG. NO. 10324-107-4482	
COMPANY NAME.....	EPIC INDUSTRIES	
COMPANY ADDRESS.....	1007 JERSEY AVENUE, NEW BRUNSWICK, NJ 08901	
TELEPHONE NUMBER.....	1 (800) 221-3742	
EMERGENCY PHONE #.....	1 (800) 255-3942 CHEM-TEL, INC.	
Hazard Ratings	HMIS (II)	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	X	

Section 2: Composition/Information on Ingredients

Ingredient	CAS #	Wt. %
Alkyl dimethyl benzyl ammonium chloride (C ₁₂₋₁₈)	68391-01-5	0.011
Alkyl dimethyl ethylbenzyl ammonium chloride (C ₁₂₋₁₈)	68956-79-6	0.011
Water	7732-18-5	99.978

Section 3: Hazards Identification

Emergency Overview	Clear, colorless to straw colored liquid. Corrosive to the eyes, skin, gastrointestinal tract, and respiratory system.
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Potential Health Effects:

- Skin:** Causes irritation.
- Eyes:** Causes burns and may result in permanent injury to eyes including blindness.
- Inhalation:** Mists and vapors can irritate the throat and respiratory tract. Symptoms may include headaches, dizziness, and drowsiness.
- Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Chronic:** None

Section 4: First Aid Measures

Eyes:	Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.
Skin or Clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 10-15 minutes. Call a poison control center or doctor for treatment advice.
Inhalation:	If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Section 5: Fire Fighting Measures

Flash Point:	≥200°F (≥98°C) – ASTM Method No. D 92 (Cleveland Open Cup)
Upper & Lower Flame Limits	Not determined
Extinguishing Media:	Dry chemical, foam, carbon dioxide or water fog. Solid water streams may spread burning liquid.
Fire Fighting Equipment & Instructions:	Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.
Hazardous Combustion Products:	Irritating and toxic gases or fumes may be released during a fire.
Unusual Fire Explosion Hazards	Explosive mixtures can form with air. Combustion products are toxic. Solvent vapors can travel to an ignition source and flash back.

Section 6: Accidental Release Measures

Spill and Leak Procedures

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Spill Cleanup: Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

Large Spills: Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

Section 7: Handling & Storage

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure below exposure limits.

Personal Protective Equipment:

Eyes/Face: Wear chemical goggles. Use a face shield if splashing is possible.

Skin: Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

Respiratory: If exposure limits are exceeded or if irritation is experienced, NIOSH approved respiratory protection should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.

General: Eye wash fountain and emergency showers are recommended.

The following ingredients have established exposure guidelines:

Ingredient	Exposure Guideline	Guideline Value
No ingredients listed in this section.		

All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

Section 9: Physical & Chemical Properties

Flash Point: ≥200°F (≥98°C) – ASTM Method No. D 92 (Cleveland Open Cup)

Specific Gravity: Not determined.

Percent Volatiles: 99.978

Vapor Pressure: Not determined.

VOC Content: 0%

Viscosity: 0.86884 mm²/s (cSt)

Evaporation Rate: Not determined.

Pour Point: Not determined.

pH : 6.23 (25 °C)

Appearance and Odor: Clear, colorless to straw colored liquid with benzaldehyde (organic) odor.

Section 10: Stability & Reactivity

Chemical Stability: Material is stable.

Conditions to Avoid: Keep away from heat and strong oxidizing agents.

Incompatibilities: Strong oxidizing agents (may result in fire), reducing agents.

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Hazardous Decomposition: Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Carcinogenicity No Carcinogenicity data available for this product.
Acute Oral LD50 >5000 mg male and female rats
Acute Dermal >2000 mg male and female rabbits
Primary Skin Mild skin irritation.
Primary Eye No irritation.

Chemicals Ingredients Listed as Potential or Known Carcinogens

Ingredient	OSHA	NTP	IARC
No ingredients listed in this section.			

Section 12: Ecological Information

Ecotoxicity No data available formulated product

Section 13: Disposal Considerations

Disposal Instructions

This substance, when discarded or disposed of, is a characteristic hazardous waste according to Federal regulation (40 CFR 261) and is assigned the EPA Hazardous Waste Number of D002. The discarding or disposal of this material must be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

Section 14: Transport Information

DOT Hazard Class Non-Hazardous, Not regulated
DOT Proper Shipping Name Compounds, cleaning liquids, n.o.s.

State & Provincial Right to Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

Chemical Name	State List
Benzyl Chloride (trace < 10 ppm)	CT,MA, NJ, PA, RI

CT – Connecticut Hazardous Air Pollutants MA – Massachusetts Right to Know List

NJ – New Jersey Right to Know List

PA – Pennsylvania Right to Know List RI – Rhode Island Hazardous Substances List

APPROVAL JOHN YOUSSEF TECHNICAL DIRECTOR 10/26/08
NAME TITLE DATE
