MATERIAL SAFETY DATA SHEET

CPS SANITIZER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: CPS Sanitizer
Product Description: Quaternary ammonium salt, Sanitizer-Deodorant

MANUFACTURER:
Chemical Products & Systems, Inc.
124 West South Street
Jackson, Ms. 39201

Phone: (601)354-1919
(800)844-2057

Emergency Phone Number
24-hour contact:
Chemtrec (800) 424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	Wt. %
N, N-Dialkyl (C8-10) N, N-dimethyl ammonium chloride	68424-95-3	0-4.5
N-Alkyl (C12-16)-N, N-dimethyl-N-benzyl ammonium chloride	68424-85-1	3
Ethyl Alcohol	64-17-5	0.9-1.5

3. HAZARDS IDENTIFICATION

HMIS Rating:

Health	**2**
Flammability	**0**
Reactivity	**0**
Personal Protection	**1**

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS Ratings).

POTENTIAL HEALTH EFFECTS:

EYE: Direct contact can cause severe eye damage. Corrosive.

SKIN: Can cause severe skin irritation. Corrosive

INHALATION: Solvent vapors or mist of product can produce irritation of mucous membranes. Exposure to ethyl alcohol concentrations over 1,000 ppm may cause headache, irritation of eyes, nose and throat, and, if prolonged, drowsiness and lassitude, loss of appetite and inability to concentrate

INGESTION: Can cause burning pain in the mouth, throat, abdomen and severe swelling of larynx. May be fatal if swallowed.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID: Flush eyes with plenty of water for 15 minutes. Hold eyelids apart t ensure rinsing of the entire surface of the eye and lids with water. If irritation persists get medical attention.
SKIN CONTACT FIRST AID: Wash skin with plenty of water. Remove contaminated clothing and shoes and wash before reuse.

INHALATION FIRST AID: Remove from area to fresh air. If having trouble breathing provide oxygen if available. Get medical attention

INGESTION FIRST AID: Do not induce vomiting. Give milk or water. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:
COC Flash Point: N/A
Auto ignition Temp: Not Determined

FLAMMALBE LIMITS IN AIR:
LEL: Not Determined
UEL: Not Determined

FLAMMABLE PROPERTIES:
Not flammable.

EXTINGUISHING MEDIA:
Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILLS PROCEDURE: Shut off leak if safe to do so. Absorb spill with inert material, then place in a chemical waste container. After removal, flush contaminated area thoroughly with water.

SMALL SPILL PROCEDURE: Contain spilled material. Absorb the liquid and scrub the area with water.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE:
Minimum: 32° F
Maximum: 120° F

HANDLING (PERSONEL): Keep container closed until used. Where contact is likely, wear chemical resistant gloves, rubber boots, and chemical goggles.

STORAGE PRECAUTIONS: Store in a cool dry place. Keep away from heat and flame. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Where contact is likely, wear chemical resistant gloves, rubber boots, and chemical goggles plus a face shield.

EYE/FACE PROTECTION REQUIREMENTS: Wear safety glasses plus face shield if available.

SKIN PROTECTION REQUIREMENTS: Wear protective gloves to minimize skin contamination. Wear appropriate personal protective equipment.

RESPIRATORY PROTECTION REQUIREMENTS: In processes where mists or vapors may be generated wear NIOSH/MSHA jointly approved respirator in the absence of proper environmental controls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Clear, colorless
Odor:	Slight Sweet Odor
Boiling Point:	Not Determined
Vapor Pressure:	Not Determined (Air = 1)
Solubility in Water:	Complete
Specific gravity:	>1 (Water = 1)
Bulk Density:	Not determined
Melting Point	N/A
Freezing Point	Not Determined
Ph:	6-8

10. STABILITY AND REACTIVITY

STABILITY: Stable

POLYMERIZATION: Will not occur.

COMPATABILITY WITH OTHER MATERIALS: May react with strong oxidizers.

HAZARDOUS DECOMPOSITION: Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen.

11. TOXOLOGICAL INFORMATION

Not listed as carcinogenic according to IARC, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

This product is biodegradable.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Treat or dispose of waste material in accordance with all Federal, State and local regulations.

EMPTY CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: CPS Sanitizer

DOT (Department of Transportation)
Proper shipping name: Corrosive liquid, N.O.S.

15. REGULATORY INFORMATION

EEC Symbols and Indications of danger: None.

16. OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Chemical Products & Systems, Inc.