

# BIG HOUSE

**PRODUCTS**  
**Correctional Industries**  
*"Teaching Inmates to Work in Pennsylvania"*

Department of Corrections  
 Bureau of Correctional Industries  
 P.O. Box 47  
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## MATERIAL SAFETY DATA SHEET

ISSUE DATE: 11-1-00

SECTION I	
EMERGENCY TELEPHONE NUMBER(S) (814) 643-2400 Ext. #204	
IDENTITY FPS-O4 Food Processing Sanitizer	
INGREDIENTS/CHEMICAL NAME Quaternary Ammonium Compound, Violet Dye	
OTHER	

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION					
HAZARDOUS INGREDIENTS AS DEFINED BY OSHA 29 CFA 1910 1200					
<b>CHEMICAL NAME</b>	<b>COMMON NAME</b>	<b>CAS NO.</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>OTHER LIMITS RECOMMENDED</b>
Alkyl dimethyl benzyl ammonium chloride		68391-01-5			
Alkyl dimethyl ethylbenzyl ammonium chloride		68956-79-6			
NOTE: This product "as a whole" is not "hazardous" within the meaning of the OSHA Hazard Communication Standard					

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS			
BOILING POINT (°F)	NK	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	N/K (H <sub>2</sub> O = 1)
VAPOR PRESSURE (mm Hg)	N/K	PERCENT VOLATILE BY VOLUME (%)	90%
VAPOR DENSITY (AIR = 1)	N/K	EVAPORATION RATE (nBuOAc = 1)	N/K (Butyl Acetate = 1)
SOLUBILITY IN WATER	Soluble	APPEARANCE CODE	Violet

SECTION IV – FLAMMABILITY AND REACTIVITY			
FLASH POINT (METHOD USED) N/K	EXPLOSIVE LIMITS N/K	LEL N/K	UEL N/K
EXTINGUISHING MEDIA Dry chemical, Water Fog, CO <sub>2</sub> Foam			
SPECIAL FIRE FIGHTING PROCEDURES Cool fire exposed containers with spray, Must wear MSHA/NIOSH approved self-contained breathing apparatus.			
UNUSUAL FIRE HAZARDS Explosive mixtures can form with air. Combustion products are toxic. Solvents vapors can travel to an ignition source and flash back.			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	NA
INCOMPATIBILITY (Materials to avoid) Strong oxidizers or reducing agents			
HAZARDOUS DECOMPOSITION/BY PRODUCTS Toxic hydrogen chloride fumes, oxides of carbon and nitrogen			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	Mixing with strong oxidizers or reducing agents.

## SECTION V – HEALTH AND SAFETY DATA

ROUTE(S) OF ENTRY  
Eye, Skin contact, inhalation, Ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC)  
Eye Contact: Corrosive. Severe eye damage can result from direct contact. Skin Contact: Severe Irritation. Inhalation: Irritation of mucous membrane caused by solvent vapors. Ingestion: May be fatal. Burning pain in mouth, throat, abdomen, severe swelling of the larynx muscle paralysis affecting the ability to breathe, circulatory shock, convulsions.

SIGNS AND SYMPTOMS OF EXPOSURE  
Same as above

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE  
NK

EMERGENCY AND FIRST AID PROCEDURES  
Skin & Eyes: immediately flush with water for at least 15 minutes. For eyes call a physician. Remove and wash contaminated clothing before reuse. If swallowed drink promptly a large quantity of egg whites, gelatin solution, or if these are not available, drink large amounts of water. Avoid alcohol. Call physician immediately. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

OTHER

## SECTION VI – PRECAUTION FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep from freezing, store in original container.

OTHER PRECAUTIONS  
Do not mix with strong oxidizers or reducing agents.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Remove ignition sources, Wear respirator. Small spills can be mopped up, flushed away with water or absorbed with absorbant material and incinerated. Large spills should be contained then moved into containers and disposed of by approved methods for hazardous wastes.

WASTE DISPOSAL METHOD  
Incinerate. Make sure all federal, state and local regulations are observed.

## SECTION VII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)  
None required if well ventilated. For mist or vapor, wear NIOSH approved Respirator.

VENTILATION	LOCAL EXHAUST Normal	SPECIAL none
	MECHANICAL (General) explosion proof	OTHER none

EYE PROTECTION splash proof goggles	PROTECTIVE GLOVES Rubber or neoprene
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OTHER PROTECTIVE EQUIPMENT  
Impervious apron, eye wash station, face shield

- None under normal use
- N.A. – NOT APPLICABLE
- N.K. – NOT KNOWN

None under normal use

None  
THE SUBMISSION OF THIS MSDS MAY BE REQUIRED BY LAW. BUT THIS IS NOT AN ASSERTION THAT THE SUBSTANCE IS HAZARDOUS WHEN USED IN ACCORDANCE WITH PROPER SAFETY PRACTICES AND NORMAL HANDLING PROCEDURES. DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH.