



PRODUCTS

Correctional Industries

"Teaching Inmates to Work in Pennsylvania"

Department of Corrections
Bureau of Correctional Industries
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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 C-84 Liquid All Purpose Detergent	
INGREDIENTS/CHEMICAL NAME Anionic Surfactants, Tetra Sodium-pyrophosphate, Isopropyl Alcohol, Mineral Spirits, Pine Oil	
OTHER Pine oil, water	

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION					
HAZARDOUS INGREDIENTS AS DEFINED BY OSHA 29 CFA 1910 1200					
CHEMICAL NAME	COMMON NAME	CAS NO.	ACGIH TLV	OSHA PEL	OTHER LIMITS RECOMMENDED
	Surfonic J4	34398-01-1	NK	NK	
	Isopropanol - Alcohol	67-63-0	NK	NK	
	Tetrapotassium pyrophosphate	7320-34-5	NK	15 m/g cu.m 95% wt	
	Brosyn AES - 60 (mix)				
	1. Glycol Ethers 10-30%	111-76-2	25 ppm	25 ppm	
	2. Ethyl alcohol 15-40%	64-17-5	1000 ppm	1000 ppm	
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)	N/A	SPECIFIC GRAVITY (H ₂ O = 1)	1.047 - 1.067
VAPOR PRESSURE (mm Hg)	N/A	PERCENT VOLATILE BY VOLUME (%)	ca 85
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (nBuOAc = 1)	N/A
SOLUBILITY IN WATER	Infinitely	APPEARANCE CODE	clear, yellowish liquid w/a scent

SECTION IV – FLAMMABILITY AND REACTIVITY			
FLASH POINT (METHOD USED) >200 degrees fahrenheit (c.c)		EXPLOSIVE LIMITS	LEL N/A UEL N/A
EXTINGUISHING MEDIA Use water spray, dry chemical, "alcohol" foam or CO2			
SPECIAL FIRE FIGHTING PROCEDURES Use water to keep fire exposed containers cool			
UNUSUAL FIRE HAZARDS None			
STABILITY	UNSTABLE		CONDITIONS TO AVOID None
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) None			
HAZARDOUS DECOMPOSITION/BY PRODUCTS None			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

SECTION V – HEALTH AND SAFETY DATA

ROUTE(S) OF ENTRY

Skin and eye contact, oral ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC)

Mild skin and eye irritant

SIGNS AND SYMPTOMS OF EXPOSURE

Instillation into eyes may result in transient superficial effects similar to those produced by mild toilet soaps and detergents. Oral ingestion may result in gastro intestinal irritation with nausea, vomiting or diarrhea

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Use on irritated or extremely dry skin may aggravate the existing condition

EMERGENCY AND FIRST AID PROCEDURES

In case of accidental eye contact, flush thoroughly with water for oral, dilute with fluids and treat symptomatically. For skin irritation rinse exposed area and discontinue use.

OTHER

None

SECTION VI – PRECAUTION FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool, dry, well ventilated area.

OTHER PRECAUTIONS

None required

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.

WASTE DISPOSAL METHOD

Do not landfill. Small quantities may be disposed of via sewer. Incineration is preferred where permitted by federal, state, and local regulations. Disposal is to be performed in compliance with all regulations.

SECTION VII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None required

VENTILATION

LOCAL EXHAUST

None required

MECHANICAL (General)

Acceptable

SPECIAL

None

OTHER

None

EYE PROTECTION

None required with normal use

PROTECTIVE GLOVES

None required with normal use

OTHER PROTECTIVE EQUIPMENT

For splash protection use chemical goggles

None required; eye wash fountain desirable

• N.A. – NOT APPLICABLE

• N.K. – NOT KNOWN

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.