

BIG HOUSE

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 LL-3 Liquid Laundry Detergent	
INGREDIENTS/CHEMICAL NAME Non-ionic Liquid Surfactant, Sterene Acrylic Emulsifier, (as an Opacifier), Ethanolamine, Fluroscnt Whitener, Fragrance, Coloring	
OTHER	

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
Ethanolamine		141-43-5	3 PPM	3 PPM	
	Triethanolamine 99%	102-71-6	NK	NK	
	Surfonic N-85	9016-45-9	NK	NK	
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/K	SPECIFIC GRAVITY (H ₂ O = 1)	1.12
VAPOR PRESSURE (mm Hg)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (nBuOAc = 1)	N/A
SOLUBILITY IN WATER	Appreciable	APPEARANCE CODE	Pink Liquid w/fragrance

SECTION IV – FLAMMABILITY AND REACTIVITY			
FLASH POINT (METHOD USED) N/A	EXPLOSIVE LIMITS	LEL N/A	UEL N/A
EXTINGUISHING MEDIA Normal			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE HAZARDS None			
STABILITY	UNSTABLE		CONDITIONS TO AVOID None
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Strong acids and chlorine containing compounds			
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
Eye - Ingestion - Skin

HEALTH HAZARDS (ACUTE AND CHRONIC)

SIGNS AND SYMPTOMS OF EXPOSURE
Eye: May cause burning, itching or swelling; Skin: Possible irritation from prolong or repeated contact; Ingestion: May cause nausea, vomiting,
and/or diarrhea

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES
Eye: Immediately rinse eyes with water

Skin: Discontinue contact

Ingestion: Drink milk or water

OTHER

SECTION VI – PRECAUTION FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in cool dry area. DO NOT FREEZE

OTHER PRECAUTIONS
None

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Wet vacuum or rinse with sufficient water to sewer

WASTE DISPOSAL METHOD
Large spills: Collect and dispose according to state and local regulation. Not Hazardous

SECTION VII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
None

VENTILATION	LOCAL EXHAUST None	SPECIAL None
	MECHANICAL (General) Normal	OTHER None

EYE PROTECTION None under normal use	PROTECTIVE GLOVES None under normal use
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OTHER PROTECTIVE EQUIPMENT
None

- 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.