



PRODUCTS

Correctional Industries

"Teaching Inmates to Work in Pennsylvania"

Department of Corrections
Bureau of Correctional Industries
P.O. Box 47
Camp Hill, Pa. 17001-0047
Telephone: (717) 731-7135

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 11-1-00

SECTION I	
EMERGENCY TELEPHONE NUMBER(S) (814) 643-2400 Ext. #204	
IDENTITY HP-1 High Performance Laundry Detergent	
INGREDIENTS/CHEMICAL NAME Non-ionic Liquid Surfactant, Sodium CMC, Fluroscent Whitener, Soda Ash, Sodium Metasilicate, Sodium Tripolyphosphate, Sodium Sulfate	
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
	Surfonic - N60	9016-45-9	NK	NK	
	Sodium Tripolyphosphate	7758-29-4	NK	NK	
	Sodium Sulfate	7757-82-6	NK	NK	
	Sodium Metasilicate	6834-92-0	NK	NK	
	Soda Ash	497-19-8	NK	NK	
This product "as a whole" is not "hazardous" within the meaning of the OSHA Hazard Communication Standard					
NOTE: This product should be used in conjunction with LS-69 Lubricating Laundry Sour to obtain acceptable pH levels in finished product.					

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS			
BOILING POINT (°F)	N/A	SPECIFIC GRAVITY (H ₂ O = 1) Bulk Density	0.35g/ cc
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	White Granular Powder

SECTION IV – FLAMMABILITY AND REACTIVITY				
FLASH POINT (METHOD USED) N/A		EXPLOSIVE LIMITS N/A	LEL N/A	UEL N/A
EXTINGUISHING MEDIA Water, CO ₂ , Dry Chemical				
SPECIAL FIRE FIGHTING PROCEDURES None				
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

Inhalation: Heavy or prolonged exposure to dust may cause transient respiratory tract irritation. **Eye:** May cause mild irritation.

Ingestion: May cause mild transient gastrointestinal irritation.

HEALTH HAZARDS (ACUTE AND CHRONIC)

SIGNS AND SYMPTOMS OF EXPOSURE

Inhalation: May cause coughing, sore throat, wheezing or temporary shortness of breath. **Eyes:** May cause stinging, tearing, itching, swelling and/or redness. **Ingestion:** May cause nausea, vomiting, and/or diarrhea.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Asthma and other respiratory ailments.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Leave dusty area immediately.

Eyes: Flush with water for 10 to 15 minutes.

Ingestion: Drink 1 or 2 glasses of water.

OTHER

SECTION VI – PRECAUTION FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in dry area to prevent caking.

OTHER PRECAUTIONS

None

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Collect & place in suitable container & dispose as dry scrap or flush with water down acceptable sewer. Prevent heavy exposure to dust with NIOSH-approved dust mask.

WASTE DISPOSAL METHOD

Disposal is to be performed in compliance with all regulations. Small quantity: May be disposed of in refuse or sewer. Large quantity: May be disposed of in municipal landfill where allowed by law. This product is biodegradable.

SECTION VII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None under normal use

VENTILATION

LOCAL EXHAUST

None required with normal use

MECHANICAL (General)

Normal general ventilation

SPECIAL

None

OTHER

None

EYE PROTECTION

None required with normal use

PROTECTIVE GLOVES

None with normal use

OTHER PROTECTIVE EQUIPMENT

None under normal use

- 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.