

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: 3/26/03

SECTION I	
EMERGENCY TELEPHONE NUMBER(S) (814) 643-2400 Ext. #204	
IDENTITY BIODEGRADABLE CLEANER/DEGREASER BD-1	
INGREDIENTS/CHEMICAL NAME Anionic & Quaternary surfactants, Non-Ionic Surfactants, Cheleating Agents, and Metasilicate.	
OTHER Water and Fragrance.	

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
N/A	Tomah QC-15	61791-10-4	NK	NK	Mild Eye Irritant
	Hampene 100	64-02-8	NK	NK	
	Sodium Metasilicate	6834-92-0	NK	NK	
	Surfonic N-95	9016459	NK	NK	
	Amphoteric SC	NA	NA	NA	
Total product not hazardous within the meaning of the OSHA Hazardous 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 (%)	N/A
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (nBuOAc = 1)	N/A
SOLUBILITY IN WATER	Infinitely	APPEARANCE CODE	Clear Yellow Liquid w/fragrance

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 CO ₂			
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 & detergents. Oral ingestion may result in gastro-intestinal irritation with nausea, vomiting, or diarrhea.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE	
EMERGENCY AND FIRST AID PROCEDURES	In case of accidental eye contact, flush thoroughly with water. For oral, dilute w/fluids and treat symptomatically. For skin irritation, rinse exposed area & 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-vented 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 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, 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	SPECIAL None
	MECHANICAL (General)	Acceptable	OTHER None
EYE PROTECTION		PROTECTIVE GLOVES	
None with normal use		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.