

MSDS

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29CFR 1910.1200)

HMS CODES: H-2 F-0 R-0 P-

SECTION 1 – Product Information				
PRODUCT NAME BK-747		PRODUCT TYPE: Non-Butyl Cleaner DOT CLASS: Compounds, Cleaning, Liquid Non-Hazardous		
MANUFACTURER: DYNACCO, INC. PO BOX 27 17461 – 147 TH ST. S.E. MONROE, WA 98272		INFORMATION PHONE: 360-794-8974 24-HOUR EMERGENCY: CHEM-TEL (800) 255-3924 DATE PREPARED: May 1, 1995 LATEST REVIEW: March 12, 2004		
Section II - Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity: Common Names)	OSHA PEL	WISA PEL	Other Limits Recommended	%
SODIUM METASILICATE ANHYDROUS CAS # 6834-92-0	2 MG/M3 Cubic Meter	2 MG/M3 Cubic Meter	Skin Irritant	
Section III - Physical/Chemical Characteristics				
Boiling Point	Approx 220°F	Specific Gravity (H2O = 1)	N/A	
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A	
Vapor Density (Air - 1)	N/A	Evaporation Rate	N/A	
Solubility in Water	Complete	Appearance and Odor	Green	
Section IV - Fire and Explosion Hazard Data				
Flash Point (Method Use)	Non-Flammable	Flammable Limits	N/A	LEL N/A UEL N/A
Extinguishing Media	N/A			
Special Fire Fighting Procedures	N/A			
Unusual Fire and Explosion Hazards	N/A			
Section V - Reactivity Data				
Stability	Unstable		Conditions to Avoid	
	Stable	X		
Incompatibility (Materials to Avoid)	May etch glass and aluminum			
Hazardous Decomposition or Byproducts	N/A			
Hazardous	May Occur		Conditions to Avoid	
Polymerization	Will Not Occur	X		
Section VI - Health Hazard Data				
Routes of Entry:	Inhalation? X	Skin? X	Ingestion? X	
Health Hazards (<i>Acute and Chronic</i>) Effects of Overexposure: ACUTE (Short Term Exposure) - Acute exposure may result in reddening of the skin, Moderate Irritation and possible discomfort. Irritation by Inhalation and by mist to upper respiratory tract or other mucous membrane areas. Eye contact produces tearing, Irritation and discomfort. Accidental ingestion may cause nausea, diarrhea and irritation of the intestinal lining. CHRONIC (Long -Term Exposure) - Long-Term misuse resulting from airborne concentrations of mist or spray may cause damage to upper respiratory tract. Chronic effects may result in superficial destruction of skin tissue and dermatitis. Chronic eye exposure can lead to destruction of eye tissue and blindness.				
Carcinogens:	NTP? No	IARC Monographs? No	OSHA Regulated? No	
Emergency and First Aid Procedures: INHALATION - Typically not a hazard. But get to fresh air and treat symptomatically. EYE CONTACT: Object is to seek medical attention immediately. Flush with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention if any irritation persists. SKIN CONTACT: Wash with plenty of water. Seek medical attention if any irritation persists. INGESTION: If swallowed, do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention immediately. NOTES TO PHYSICIAN: Sodium Metasilicate – Gastric Lavage is indicated.				
Section VII - Precautions for Safe Handling and Use				
Steps to be taken in case Material is released or spilled: SMALL SPILL - Flush with large amounts of water and flush down drain. LARGE SPILL - Stop leak. Contain Spill. Remove by wet vacuum or absorbent. NOTE: Reuse spilled material if possible, otherwise place in closed labeled container and store in safe place flushing remaining residue to drain. Persons performing this work should wear adequate protective clothing.				

Waste Disposal Method: Dispose of in accordance with State, Federal and Local regulations. Concerning health pollution--Normal PROCEDURE: Skim off floating oil and grease and flush down drain or separate in automatic oil/water separator and flush down drain. BK-747 is biodegradable.				
Precautions to be taken in handling and storage : Keep product from freezing				
Other Precautions: Keep out of reach of children. Recommend reading entire label and material safety data sheet before using.				
Section VIII - Control Measures				
Respiratory Protection (<i>Specify Type</i>): Exposure above permissible limits --use a D/M/F filter.				
Ventilation	Local Exhaust Adequate Ventilation			Special
	Mechanical (<i>General</i>) Mechanical as needed to maintain exposures below PEL limits			
Protective Gloves	Wear impervious gloves and protective clothing as required.		Eye Protection	Protective goggles depending up severity of contact.
Other Protective Clothing or Equipment	Shoes or Boots			
Work/Hygienic Practices	Wash with soap and water after use.			
Section IX - Other information				
D.O.T. Description: Compounds, Cleaning Liquid				
HMIS RATING	HEALTH - 2	FLAMMABILITY - 0	REACTIVITY - 0	PP -
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