

BOWMAN DISTRIBUTION MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME CUTTING OIL		BOWMAN PART NO. 19460 (page 1 of 2)
SUPPLIER Bowman Distribution, Barnes Group Inc.		EMERGENCY TELEPHONE NO. (216) 391-7200
ADDRESS 850 East 72nd Street, Cleveland, OH 44103		DATE 6/11/86
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) Lube Oil		
ADDITIONAL HAZARD CLASSES (as applicable) N.A.		
CHEMICAL FAMILY Petroleum Hydrocarbons	FORMULA Confidential	

SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	%V	CHEMICAL NAME(S)	Listed as a Carcinogen in NTP, IARC or OSHA 1910(z) (specify)
			No Hazardous Ingredients	

SECTION III - PHYSICAL DATA

BOILING POINT _____°F _____°C N.A.	SPECIFIC GRAVITY (H ₂ O = 1)	.903		
VAPOR PRESSURE @ _____°F _____°C <input type="checkbox"/> mm Hg <input type="checkbox"/> psi N.A.	PERCENT VOLATILE BY VOLUME (%)	N.A.	PERCENT SOLID BY WEIGHT (%)	N.A.
VAPOR DENSITY (AIR = 1)	Unknown	EVAPORATION RATE (= 1)	N.A.	
SOLUBILITY IN WATER	None	pH =	N.A.	
APPEARANCE AND ODOR Clear amber oil, sulfur odor			MATERIAL IS: LIQUID	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 380 °F _____°C method used _____ C.O.C.	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA Foam, carbon dioxide, dry chemical.			
SPECIAL FIRE FIGHTING PROCEDURES Fight as class "B" fire.			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - Conditions to avoid Unknown	THRESHOLD LIMIT VALUE PERMISSIBLE EXPOSURE LIMIT OTHER LIMIT
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify)	
EMERGENCY AND FIRST AID PROCEDURES Ingestion: do not induce vomiting, see physician. Eyes: flush with water, see physician. Skin: wash with soap and hot water.	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	<input type="checkbox"/>	CONDITIONS TO AVOID
	STABLE	<input checked="" type="checkbox"/>	
COMPATIBILITY (materials to avoid) Oxidizing material			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR	<input type="checkbox"/>	CONDITIONS TO AVOID
	WILL NOT OCCUR	<input checked="" type="checkbox"/>	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Clean up spills with absorbent materials.	
WASTE DISPOSAL METHOD Follow local, state, federal regulations for petroleum oils. Do not incinerate.	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs) Unknown	
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) Unknown	
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)	<input type="checkbox"/> Theoretical _____ lb/gal <input type="checkbox"/> Analytical _____ lb/gal

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) N.A.		
VENTILATION	LOCAL EXHAUST (specify rate) N.A.	SPECIAL
	MECHANICAL (general) (specify rate) N.A.	OTHER
PROTECTIVE GLOVES (specify type) Neoprene	EYE PROTECTION (specify type) Goggles	
OTHER PROTECTIVE EQUIPMENT N.A.		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Do not store near excessive heat.
OTHER PRECAUTIONS