U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

MAY 18 1982

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

DPM 263

SECTION I

MANUFACTURER'S NAME: Bray Oil Company	EMERGENCY TELEPHONE NO.: 213-268-6171
ADDRESS (Number, Street, City, State, and ZIP Code): 1925 N. Marianna Avenue, Los Angeles, CA 90032	
CHEMICAL NAME AND SYNONYMS: N/A	TRADE NAME AND SYNONYMS: Brayco 339
CHEMICAL FAMILY: Cutting Oil	FORMULA: N/A

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	N/A		BASE METAL	N/A	
CATALYST	N/A		ALLOYS	N/A	
VEHICLE	84		METALLIC COATINGS	N/A	
SOLVENTS	N/A		FILLER METAL PLUS COATING OR CORE FLUX	N/A	
ADDITIVES	16		OTHERS	N/A	
OTHERS	N/A				

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
N/A		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	400+	SPECIFIC GRAVITY (H_2O=1)	0.922
VAPOR PRESSURE (mm Hg.)	< 0.1	PERCENT, VOLATILE BY VOLUME (%)	<1
VAPOR DENSITY (AIR=1)	< 0.1	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR	Amber Liquid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): ASTM D92 300° F	FLAMMABLE LIMITS: N/A	Lel	Uel
EXTINGUISHING MEDIA: Water Fog, Foam, CO_2, Dry Chem.			
SPECIAL FIRE FIGHTING PROCEDURES: N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A			

(Continued on reverse side)

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: If taken internally, see doctor

EMERGENCY AND FIRST AID PROCEDURES: Wash with water.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		N/A
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*: N/A

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR	X	N/A
	WILL NOT OCCUR		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Return material to container, flush with water.

WASTE DISPOSAL METHOD

As per local, state and Federal regulations

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*: N/A

VENTILATION			
	LOCAL EXHAUST	N/A	SPECIAL
	MECHANICAL *(General)*	N/A	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
N/A	Safety Glass

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store next to open flame

OTHER PRECAUTIONS

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