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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

FEB 09 1982

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

CA5992000

SECTION I

MANUFACTURER'S NAME: HARRY MILLER CORPORATION	EMERGENCY TELEPHONE NO.: 1 (215) 324-4000
ADDRESS (Number, Street, City, State, and ZIP Code): 4th & BRISTOL STS., PHILA., PENNA. 19140	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS: ACTIVOL 1357
CHEMICAL FAMILY: Synthetic detergents, wetting agents	FORMULA

SECTION II - HAZARDOUS INGREDIENTS

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

NONE

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

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	214	SPECIFIC GRAVITY (H_2O=1)	1.011
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	75%
VAPOR DENSITY (AIR=1)	same as water	EVAPORATION RATE (_____=1)	1.0
SOLUBILITY IN WATER	complete		

APPEARANCE AND ODOR: Clear, green liquid; surfactant odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	N/A			
SPECIAL FIRE FIGHTING PROCEDURES	NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE			

(Continued on reverse side)

Form OSHA-20
Rev. May 72

BOE-C6-0202829

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Unknown; Probable LD_{50} (rats) = 5ml/kg

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES: If splashed in eyes, rinse with copious amounts of water

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with water

WASTE DISPOSAL METHOD: Secondary Sewage Treatment

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*: NONE

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

PROTECTIVE GLOVES: N/A

EYE PROTECTION: Only for concentrate

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

NONE

OTHER PRECAUTIONS