DMS 2150

OCT 27 1980

HOLT LLOYD CORPORATION

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME: HOLT LLOYD CORPORATION	TRADE NAME: LPS® #3 Heavy Duty Rust Inhibitor
ADDRESS (Number, Street): 4647 HUGH HOWELL ROAD	
ADDRESS (City, State, and ZIP Code): TUCKER, GEORGIA 30084	EMERGENCY TELEPHONE NO.: HOLT LLOYD CORPORATION (404) 934-7800
HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101): COMPOUND BOILER PRSING LIQUID NMFC 50093 SUB 2 BRL/BXS CL55 CONSUMER COMMODITY ORM-D	CHEMICAL FAMILY: Organic
HAZARD CLASS (49 CFR 172.101): AEROSOL-ORM-D-AIR BULK - Non Restricted	MANUFACTURERS D-U-N-S No.: 04-221-6549

SECTION II-INGREDIENTS

INGREDIENTS	%	TLV (Units)
Aliphatic Hydrocarbon	70	200
Non Hazardous Proprietary Blend	30	>500
CO_2 Propellant (Aerosol)		

SECTION III-PHYSICAL DATA

BOILING POINT (°F.)	300°	SPECIFIC GRAVITY (H_2O=1)	.830
VAPOR PRESSURE (mmHg.) 70%	2.0	PERCENT VOLATILE BY VOLUME (%)	75
VAPOR DENSITY (AIR=1)	>1	EVAPORATION RATE (But Acet.=1)	.21
SOLUBILITY IN WATER	No		
APPEARANCE AND ODOR	Dark Brown - Sweet Mild Odor		

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	FLAMMABLE LIMITS	Lel	Uel
Seta 144°F. 62.2°C			

EXTINGUISHING MEDIA
Foam, Carbon Dioxide, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES
Do Not Use Water. Self Contained Breathing Apparatus

Treat as Combustible Material

UNUSUAL FIRE AND EXPLOSION HAZARDS
None Unusual

SECTION V-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
200 PPM

EFFECTS OF OVEREXPOSURE
EYES- Slight to Moderate Irritation

SKIN- Repeated Contact May Cause Drying of Skin

INHALATION- Headache, Dizziness, Nausea

EMERGENCY AND FIRST AID PROCEDURES
EYES- Flush with Copious Amounts of Cold Water or Eye Wash Solution

SKIN- Wash with Mild Soap and Cold Water

INHALATION- Remove to Fresh Air, Maintain Breathing, Call a Physician

SECTION VI-REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Sparks, Open Flame (See Special Precautions)
	STABLE	X	

INCOMPATABILITY (Materials to avoid)
Strong Oxidizing Agents

HAZARDOUS DECOMPOSITION PRODUCTS
Thermal Decomposition May Yield Carbon Monoxide

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Ventilate Area-Remove Sources of Ignition-Mop Up or Soak Up With Clay or Other Inert Material Using Protective Equipment and Discard.

WASTE DISPOSAL METHOD
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS FOR HYDROCARBONS

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
USE WITH ADEQUATE VENTILATION OR SELF CONTAINED BREATHING APPARATUS TYPE FOR HYDROCARBONS

VENTILATION	LOCAL EXHAUST Sufficient to Maintain TLV		SPECIAL
	MECHANICAL (General)		OTHER

PROTECTIVE GLOVES
FOR LIQUID HANDLING

EYE PROTECTION
FOR LIQUID, SPRAYING OR SPLASHING

OTHER PROTECTIVE EQUIPMENT None

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
STORE AEROSOLS BELOW 120 °F. AND ABOVE 32 °F. BULK BELOW 140 °F. AND ABOVE 32 °F.

STORE AWAY FROM IGNITION SOURCE, AVOID BREATHING VAPORS

PRECAUTIONARY LABELING

OTHER PRECAUTIONS
AVOID PROLONGED OR REPEATED PERSONAL CONTACT