

MATERIAL SAFETY DATA SHEET

SECTION I NAME AND PRODUCT

Distributor's Name MAGER SCIENTIFIC, INC.		CONTACT SAFETY DEPT.
ADDRESS (STREET, CITY, STATE AND ZIP CODE) 3225 CENTRAL STREET, DEXTER, MICHIGAN 48130		EMERGENCY TELEPHONE NO. (313) 662-1472
TRADE NAME, COMMON NAME OR SPECIFICATION LAPPING VEHICLES (A) <u>GLENNOIL</u>		APPROVED BY DATE
CHEMICAL FAMILY OR PRODUCT TYPE MAGER PART # DP-704, DP-706, DP-708		

SECTION II COMPOSITION

CHEMICAL NAME	% by W	COMMON NAME	REG. (Y/N)	CAS #	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCINOGEN (Y/N)
ETHYLENE GLYCOL	90-97%		Y	107-21-1	NAIF	50 PPM	N
BUTYL CELLOSOLVE	2-10%	ETHYLENE GLYCOL	Y	111-76-2	50 PPM	50 PPM	N
		MONOBUTYL ETHER					
XYLENE	.08%		Y	1330-20-7	100 PPM	100 PPM	N
METHYL ALCOHOL	2-10%		Y	67-56-1	200 PPM	200 PPM	N

* Materials are regulated by OSHA 29 CFR 1910.1200, Hazard Communication Standard, and/or the Massachusetts General Law Chapter 111F, Right To Know Regulations

SECTION III PHYSICAL AND CHEMICAL DATA

BOILING POINT 284° F	MELTING POINT NAIF	SPECIFIC GRAVITY NAIF
VAPOR PRESSURE NAIF	PERCENT VOLATILE BY VOL. NAIF	VAPOR DENSITY NAIF
EVAPORATION RATE NAIF	SOLUBILITY IN WATER NAIF	SOLUBILITY IN ALCOHOL NAIF
SOLUBILITY IN OTHER SOLVENT NAIF	APPEARANCE AND ODOR	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT NAIF	(METHOD USED)	FLAMMABLE LIMITS LEL NAIF UEL NAIF
EXTINGUISHING MEDIA CARBON DIOXIDE OR DRY CHEMICAL		
SPECIAL FIRE FIGHTING PROCEDURES USE WATER TO KEEP CONTAINERS COOL		
EXPLOSION POTENTIAL NONE		

SECTION V HEALTH, FIRST AID AND MEDICAL DATA

PRIMARY ROUTE(S) OF ENTRY	ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE	FIRST AID AND MEDICAL INFORMATION
INHALATION	HEADACHE, NAUSEA, VOMITING	REMOVE TO FRESH AIR AND CONTACT A PHYSICIAN
INGESTION	MAY CAUSE ABDOMINAL DISCOMFORT AND PAIN DIZZINESS, LUMBAR PAIN, OLIGURIA, UREMIA AND CENTRAL NERVOUS SYSTEM DEPRESSION KIDNEY DAMAGE MAY RESULT FROM GROSS OVER- EXPOSURE.	TWO GLASSES OF WATER AND INDUCE VOMITING CALL A PHYSICIAN
SKIN CONTACT & ABSORPTION	CONTACT MAY CAUSE IRRITATION, ABSORPTION MAY CAUSE HEADACHE, NAUSEA, AND VOMITING.	IMMEDIATELY FLUSH WITH PLENTY OF WATER
EYE	IRRITATION	IMMEDIATELY FLUSH WITH PLENTY OF WATER CALL A PHYSICIAN
OTHER POTENTIAL HEALTH RISKS	NONE	

SECTION VI CORROSIVITY AND REACTIVITY DATA

STABILITY	UNSTABLE <input type="checkbox"/>	STABLE <input checked="" type="checkbox"/>
POLYMERIZATION		
MAY OCCUR <input type="checkbox"/> WILL NOT OCCUR <input checked="" type="checkbox"/>		
INCOMPATIBILITY (MATERIALS TO AVOID)		
AVOID CONTAMINATION WITH ALKALIES		
DECOMPOSITION PRODUCTS		
THERMAL DECOMPSOITION MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE		
CONDITIONS TO BE AVOIDED		
NONE		

SECTION VII STORAGE, HANDLING AND USE PROCEDURES

NORMAL STORAGE AND HANDLING	
KEEP CONTAINER CLOSED. AVOID OPEN FLAMES AND HIGH TEMPERATURE	
NORMAL USE	
USE ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING	
STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS	WEAR APPROPRIATE EQUIPMENT AND CLOTHING. REMOVE SOURCES OF IGNITION.
WASTE DISPOSAL METHOD	
INCINERATE IN FURNACE	

SECTION VIII PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)	
VENTILATION	LOCAL PREFERABLE
	MECHANICAL (GENERAL) ACCEPTABLE
	OTHER
PROTECTIVE GLOVES RUBBER	
EYE PROTECTION SAFETY GLASSES WITH SIDE SHIELDS	
OTHER EQUIPMENT EYE BATH AND SAFETY SHOWER	
MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL	
NAIF	

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	
AVOID CONTACT WITH EYES, SKIN, AND CLOTHING	
OTHER PRECAUTIONS	AVOID BREATHING VAPORS

FOR COMPANY USE

FEBRUARY 25, 1986

SAFETY ENGINEER