Material Safety Data Sheet



MASTISOL

MSDS#

Ferndale Laboratories, Inc.	Emergency Phone No. Information Phone No.		e No.	1 248	548	0900	
780 W. Eight Mile Road Ferndale, Michigan 48220			e No.	1 248 548 0900			
USA	Date Prepared			12NOV99			
SECTION 02 HAZARI	ÍNGRÉDIEN	TS/IDENTIT	TY INFO	RMAT	NOF		
) INGREDIEN CAS NO.		TY INFO ACGIH TLV	O 1	4 . <u>2</u> 2	EXPOSURE	% (optional)
SECTION 02 HAZARI HAZARDOUS COMPONENT(S) Ethanol	*A 144, £ - 1		ACGIH	O 1	HER		, -

SECTION 03 RHYSI	CAL & CHEMICAL CHARACTERISTICS
BOILING POINT	173ºF [For Pure Ethyl Alcohol]
SPECIFIC GRAVITY [H2O=1]	0.85 to 0.90
VAPOR PRESSURE [MMHG]	Not Available
VAPOR DENSITY [AIR=1]	Not Available
SOLUBILITY IN WATER	Partially
REACTIVITY IN WATER	Congeals [coagulates] in water
APPEARANCE AND ODOR	Amber Color Liquid, Aromatic Odor
MELTING POINT	Not Applicable

FLASH POINT	Not Determined				
METHOD USED	NA				
FLAMMABLE LIMITS IN AI	R % BY VOLUME	LEL LOWER	NA	UEL UPPER	NA
AUTO- IGNITION TEMPERA	ATURE Not Available				
EXTINGUISHER MEDIA					

UNUSUAL FIRE AND EXPLOSION HAZARDS

Firefighters should wear self-contained breathing apparatus in the positive pressure mode with a full facepiece when there is a possibility of exposure to smoke, fumes or hazardous decomposition products.

NFPA HAZARD CLASSIFICATIONS:

Flammability

3

Health 1 Reactivity

0

STABILITY: X_STAB	BLE _UNST.	ABLE	CONDITIONS TO AVOID (Stability) [Open Flames]
INCOMPATIBILITY (MA	TERIALS TO AVOID]	Avoid cor	tact with oxidizing agents.
HAZARDOUS DECOMPO	DSITION PRODUCTS	Carbon dioxide car	form on incomplete combustion.
HAZARDOUS POLYMER	IZATION	MAY OCCUR	WILL NOT OCCUR _X_
CONDITIONS TO AVOID);		
SECTION 06 H	EALTH HAZARD D	ATA .	
ACUTE NA CHRONIC NA			
	NTP? No	IARC? No	OSHA? No
SIGNS AND SYMPTOMS			nability to concentrate. Ingestion of large quantities may ral nervous system, nausea and vomiting.
MEDICAL CONDITIONS	GENERALLY AGGRAVA	TED BY EXPOSUR	E
CHEMICAL LISTED AS C NATIONAL TOX	CARCINOGEN OR POTEN ICOLOGY PROGRAM_		EN A.R.C. MONOGRAPHS OSHA
EMERGENCY AND FIRST	AID PROCEDURES	-	with water and wash with soap and water. In case of t with eyes contact a Physician immediately.
	INHALATION:	ingestion or contac	
		Remove to fre	t with eyes contact a Physician immediately.
	INHALATION:	Remove to fre Flush with copand contact a	t with eyes contact a Physician immediately. sh air or will-ventilated area. ious amounts of water then saline solution, if available
EMERGENCY AND FIRST ROUTES OF ENTRY:	INHALATION: EYES:	Remove to fre Flush with cop and contact a Flush with wat	t with eyes contact a Physician immediately. sh air or will-ventilated area. ious amounts of water then saline solution, if available Physician immediately.
ROUTES OF ENTRY:	INHALATION: EYES: SKIN:	Remove to fre Flush with cop and contact a Flush with wat Contact a physical	t with eyes contact a Physician immediately. sh air or will-ventilated area. ious amounts of water then saline solution, if available Physician immediately. er and wash with soap and water. ician immediately.
ROUTES OF ENTRY: SECTION 07	INHALATION: EYES: SKIN: INGESTION: RECAUTIONS FOR	Remove to fre Flush with contact a Flush with wat Contact a physics SAFE HANDL	t with eyes contact a Physician immediately. sh air or will-ventilated area. ious amounts of water then saline solution, if available Physician immediately. er and wash with soap and water. ician immediately.
ROUTES OF ENTRY: SECTION 07 PPECAUTIONS TO BE TA	INHALATION: EYES: SKIN: INGESTION: RECAUTIONS FOR	Remove to fre Flush with contact a Flush with wat Contact a physics SAFE HANDL	t with eyes contact a Physician immediately. sh air or will-ventilated area. ious amounts of water then saline solution, if available Physician immediately. er and wash with soap and water. sician immediately. NG & USE
ROUTES OF ENTRY:	INHALATION: EYES: SKIN: INGESTION: RECAUTIONS FOR AKEN IN HANDLING ANI	Remove to fre Flush with contact a Flush with wat Contact a physics SAFE HANDLE STORAGE:	t with eyes contact a Physician immediately. sh air or will-ventilated area. ious amounts of water then saline solution, if available Physician immediately. er and wash with soap and water. sician immediately. NG & USE tore in a tight container in a cool dry place.

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SECTION 08 CONTROL MEASURES					
RESPIRATORY PROTECTION [SPECIFIC TYPE]	Organic canister mask for large amounts.				
VENTILATION: LOCAL EXHAUST MECHANICAL _X_	SPECIAL OTHER				
PROTECTIVE GLOVES: Rubber					
EYE PROTECTION: Safety glasses with side shields or goggi	es.				
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Not r	necessary				
WORK/HYGIENIC PRACTICES: Good Hygienic Precaut	tions.				

Disclaimer of Liability

All information utilized herein is given in good faith with no warranty, expressed or implied. The information available and presented in this Material Safety Data Sheet reflects our best professional judgement. Persons obtaining this product shall make their own determination as to the suitability of the product for their particular use.

Status	Item #	Cat #	Mfg Abbv	MSDS Code	Description	Stocking Type
DGM	169880	#00496-0523-15		03	MASTISOL, LIQ 15ML UD 1/2OZ	0
DGM	175932	#00496-0523-48	FRNDLE	03	MASTISOL, 2/3ML STR TIP VL 2/3	0
DGM	182654	#00496-0523-05	FRNDLE	03	MASTISOL, LIQ W/PUMP 4OZ BTL (0
DMF	182655	#00496-0523-16	FRNDLE	03	MASTISOL, LIQ UD 15ML 1/SOZ PU	0
DMF	273568	#00496-0523-04	FRNDLE	03	MASTISOL, DISPENSER CAP 40Z BT	0
DMF	290733	#00496-0523-04	FRNDLE	03	MASTISOL 4 OZ F	0
DGM	291067	#00496-0523-48	FRNDLE	03	#MASTISOL AMPULS	0
DGM	318654	#00496-0523-05	FRNDLE	03	MASTISOL, LIQ W/PUMP 4OZ BTL (0
DMF	318937	2427-0523-48	FRNDLE	03	MASTISOL VILE, W/2/3 CC LIQ AD	U
DGM	384944	#00496-0523-48	FRNDLE	03	MASTISOL, AMPULS 2/3CC VL (4BX	0
DGM	384947	#00496-0523-04	FRNDLE	03	MASTISOL, DISPENSER CAP 40Z BT	0
DGM	384948	#00496-0523-16	FRNDLE	03	MASTISOL, LIQ. UD 15ML. 1/5 OZ	0
	384949	0523-48	FRNDLE	03	MASTISOL, STR TIP VL 2/3 CC (4	P
DMF	384952	#00496-0523-05	FRNDLE	03	MASTISOL, LIQ W/PUMP 4OZ (12/B	0
DGM	384953	#00496-0523-15	FRNDLE	03	MASTISOL, LIQ 15/ML UD 1/2 OZ	0
DGM	417807	00496052306	FRNDLE	03	MASTISOL 2 OZ ADHS DISP CAP 12	0
DGM	427542	00496052316	FRNDLE	03	MASTISOL, LIQ 15ML 1/5OZ PUMP	0
DGM	446984	00496052348	FRNDLE	03	MASTISOL, STR TIP VL 2/3 CC (4	0
DGM	448714	#00496-0523-15	FRNDLE	03	MASTISOL, LIQ 15ML UD 1/2 OZ.	0
DGM	576810	00496052315	FRNDLE	03	MASTISOL, LIQ 15ML UD 1/2OZ (1	0
	661299	0523-06	FRNDLE	03	MASTISOL 20Z ADHSV DISP CAP	Р
	661300	0523-16	FRNDLE	03	MASTISOL, LIQ 15ML 1/5OZ PUMP	Р
	661303	0523-15	FRNDLE	03	MASTISOL, LIQ 15ML UD 1/2OZ	P
DMF	356444	#00496-5038	FRNDLE	DL	SPRAY CAP, F/MASTISOL	0

MSDS Not Req