BIOLOGIC CHEMICAL WORKS

MATERIAL SAFETY DATA SHEET

MFG.CODE # 60A

SEC	TION I
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
BIOLOGIC CHEMICAL WORKS	248-941-0347
ADDRESS (Street, City, State and Zip Code)	
P.O. BOX 82501 ROCHESTER, M	l 48308
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
N/A	Bio LD250 Odor Control
CHEMICAL FAMILY	FORMULA
N/A	N/A

SECTION II – HAZARDOUS INGREDIENTS				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES		%	TLV (UNITS)	
Bacillus Subtillis	CAS # 68038-70-0	>1 N/A		
Bacillus Licheniformis	CAS # 68038-66-4	>1	N/A	
Bacillus Polymyxa	CAS # 68038-68-6	>1	N/A	
Spearmint Oil	CAS # 8008-79-5	1	N/A	
All components of this product are listed on the E	P.A./TSCA inventory of chemical substance	es.		

SECTION III – PHYSICAL DATA				
BOILING POINT °F	212°F	SPECIFIC GRAVITY (H2O = 1)	1.005	
VAPOR PRESSURE (mm. Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	93	
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (water =1)	1	
SOLUBILITY IN WATER	complete	PH	7.1	
APPEARANCE AND ODOR	•		•	
Clear green liquid with spearmint fra	agrance.			

SECTION IV – FIRE AND EXPLOSION DATA			
FLASH POINT (Method Used)	FLAMMABLE LIMITS	Lel	Uel
None T O C		NI/A	NI/A

EXTINGUISHING MEDIA

Use extinguishing mdia suitable for fighting surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES

Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a positive mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

(Continued on reverse side)

	SECTION V - HEA	LTH HAZAR	D DATA
THRESHOLD LIMIT VALUE N/E	PRIMARY ROUTES OF ENTRY	Inhalation	Skin Contact X Other (Specify)
EFFECTS OF OVEREXPOSURE Eyes –	may cause irritation, infection	s can occur if con	tacted with open wounds. Skin – redness may occu
if individual has dermal Allergic reacti	•		
EMERGENCY AND FIRST AID PROCE			
			to ensure complete irrigation - get medical attentio
			ention if irritation persists. Inhalation – remove to
fresh air Ingestion – give water or mil		tion immediately.	
MEDICAL CONDITIONS AGGRAVATED			
Persons with pre-existing dermal aller CARCINOGEN :	rgies NTP	IARC	OTHER
No	NIP	IARC	OTHER
110			
	SECTION VI - R	EACTIVITY	DATA
STABILITY	UNSTABLE		ONDITIONS TO AVOID
	STABLE	X	Temperatures in excess of 110° F or below 32° F
INCOMPATIBILITY (Materials to avoid)	<u> </u>		1
Strong Acids or Alkalies			
HAZARDOUS DECOMPOSITION PRODU	ICTS		
None known		1	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
FOLTMERIZATION	WILL NOT OCCUR	X	None
	SECTION VII – SPILL (OCEDURES
STEPS TO BE TAKEN IN CASE MATERIA		JR LEAR PR	CCEDURES
Flush to sewer or use absorbent mater			
WASTE DISPOSAL METHOD	iai to soak up spiii.		
In accordance with all Local, State and	d Federal Regulations		
, ,	<i>u</i>		
SECT	TION VIII – SPECIAL P	ROTECTION	N INFORMATION
SPECIAL RESPIRATORY PROTECTION	(Specify type) None required		
VENTILATION LOCAL	EXHAUST		SPECIAL
	Normal ventilati	on adequate	N/A
MECHA	NICAL (General) Normal ventilati	ion adequate	OTHER N/A
PROTECTIVE GLOVES		EYE PROTECTION	
Impervious	5		Safety glasses
OTHER PROTECTIVE EQUIPMENT	-		
Eyewash and safety shower.			
	SECTION IX - SPE	CIAL PRECA	AUTIONS
PRECAUTIONS TO BE TAKEN IN HAND			
			nhalation of Vapors – use only with adequate
	o not store in areas where temp	peratures may exc	eed 110° F or fall below 32° F. Keep container
OTHER PRECAUTIONS			0.00
Closed when not in use. Do not subje	ect to disinfectants or bleach. K	eep out of Reach	of Children.
			NAME
HMIS SYMBOL	NEPA	SYMBOL	John Petoskey
		O I IIIDOL	SIGNATURE
			Jahr Fret S
HEALTH 1 HMIS		FIRE	Jan 3
FLAMMABILITY 0 SEVERE	NFPA	FIRE 0	REACTIVITY TITLE
FLAMMABILITY 0 SEVERE REACTIVITY 0 SERIOUS	NFPA 4 EXTREME 3 HIGH		CHEMIST
FLAMMABILITY 0 SEVERE	NFPA 4 EXTREME 3 HIGH 2 MODERATE		

SPECIAL

248-941-0347