



**MATERIAL SAFETY DATA SHEET**

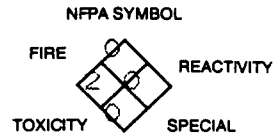
**EMERGENCY PHONE 1-800-346-0132**

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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS SYMBOL	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

HMIS	NFPA
SEVERE 4	EXTREME
SERIOUS 3	HIGH
MODERATE 2	MODERATE
SLIGHT 1	SLIGHT
MINIMAL 0	INSIGNIFICANT



**PRODUCT IDENTIFICATION:** B304 ALGAECIDE 1250 IS  
**DATE:** 01/02/03

**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
5197-80-8	n-ALKYL(60% C14, 30% C16, 5% C12, 5% C18) DIMETHYLBENZYL AMMONIUM CHLORIDE	5	N/D
68956-79-6	n-ALKYL(68% C12, 32% C14) DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE	5	N/D
64-17-5	ETHANOL	1.65	1000
7732-18-5	WATER	88.35	N/A
2787-91-9	BLUE DYE	TRACE	N/A

THIS PRODUCT ISN'T A CARCINOGEN OR POTENTIAL CARCINOGEN AS DEFINED BY OSHA, THE NTP, OR IARC MONOGRAPHS

**SECTION II: PHYSICAL DATA**

**BOILING POINT:** 208 F  
**VAPOR PRESSURE:** 25.1 mm Hg  
**VAPOR DENSITY:** N/D  
**SOLUBILITY IN WATER:** COMPLETE  
**SPECIFIC GRAVITY:** (H2O=1): 1.00  
**PERCENT VOLATILE BY VOLUME:** 90%  
**EVAPORATION RATE:** (WATER=1): < 1  
**P H:** 6.0 - 8.0  
**APPEARANCE AND ODOR:** CLEAR, LIGHT-BLUE & ODORLESS LIQUID

**SECTION III: FIRE AND EXPLOSION DATA**

**FLASH POINT:** NO FLASH AT BOIL (C.C.)  
**FLAMMABLE LIMITS:** N/A  
**EXTINGUISHING MEDIA:** DRY CHEMICAL, FOAM, CARBON DIOXIDE  
**SPECIAL FIREFIGHTING PROCEDURES:** NONE

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NONE

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/D

EFFECTS OF OVEREXPOSURE: EYE & SKIN IRRITANT WITH PROLONGED USE

EMERGENCY FIRST AID PROCEDURES:

SKIN: FLUSH WITH WATER

EYES: FLUSH WITH WATER. IF IRRITATION PERSISTS, CALL PHYSICIAN.

INGESTION: DRINK LARGE VOLUMES OF MILK OR OTHER LIQUID. CALL PHYSICIAN IMMEDIATELY.

INHALATION: N/A

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE

INCOMPATIBILITY: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: WIPE UP PRODUCT. RINSE SOILED AREA WITH WATER DOWN THE DRAIN.

LARGE SPILLS: STOP LEAK AT THE SOURCE AND COLLECT INTO A SUITABLE CONTAINER. TREAT AS A SMALL SPILL.

AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION VII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NONE REQUIRED

VENTILATION: MECHANICAL (GENERAL)

PROTECTIVE GLOVES: FOR PROLONGED USE

EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: ALWAYS STORE UNUSED PORTION IN THE ORIGINAL CONTAINER WITH CAP SECURE. AVOID TEMPERATURE EXTREMES.

OTHER PRECAUTIONS: READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.