

E M E R G E N C Y

FOR CHEMICAL EMERGENCY: SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL
CHEMTREC - DAY or NIGHT - (800) 424-9300

Product Name:

AB WEEDTRINE D**SECTION I - GENERAL INFORMATION**

Manufacturer's Name:

APPLIED BIOCHEMISTS
W175 N11163 Stonewood Drive
Suite 234
Germantown, WI 53022-4799
(800) 558-5106

Trade Name & Synonyms:

AB WEEDTRINE D

Chemical Name & Synonyms:

DIQUAT DIBROMIDE

Generic Description:

AQUATIC PESTICIDE

Formula:

PROPRIETARY

D.O.T. Proper Shipping Name:

CORROSIVE LIQUID N.O.S. (Diquat as Dibromide Salt)

U.N. or N.A. Identification #:

U.N. 1760, P.G. III

D.O.T. Hazard Class:

8

D.O.T. Emergency Response Guide (1997 ed.): 154

Not regulated by DOT for ground shipments [see exception for material corrosive to steel/aluminum 49 CFR173.154 (d)].

Hazardous Mat'ls ID System Values (HMIS): Health -2 Flammability -0 Reactivity -1 Personal Protection - D

Nat'l Fire Protection Assn. (NFPA 704M): Health -2 Flammability -0 Reactivity -0 Specific Hazard:

SECTION II - HAZARDOUS INGREDIENTS

<u>Hazardous Component(s)</u>	<u>CAS#</u>	<u>PEL</u>	<u>TLV</u>
Diquat Dibromide	85-00-7	0.5 mg/m ³	0.5 mg/m ³

Ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available as provided in 29 CFR 1910.1200 (i) (1).

SECTION III - PHYSICAL DATA

Boiling Point (F):	212 °F	Specific Gravity (water = 1):	1.05 @24 °C
Vapor Pressure (mm Hg):	NOT DETERMINED	% Volatile (by Volume):	NOT DETERMINED
Vapor Density (air = 1):	> 1	Evaporation Rate:(<u>Ether = 1</u>)	< 1
Melting Point (F):	NOT DETERMINED	pH:	6.0 - 7.5
Solubility in Water:	COMPLETE		
Appearance & Odor:	BROWN COLOR LIQUID, SLIGHT ODOR.		

SECTION IV - FIRE & EXPLOSION DATA

Flash Point (F):	NON-FLAMMABLE	Method:
Extinguishing Media:	WATER, CARBON DIOXIDE, DRY CHEMICAL. POLYMER FOAM FOR LARGE FIRES.	
Special Fire Fighting Procedures:	AVOID BREATHING SMOKE AND MISTS	
Unusual Fire & Explosion Hazards:	NONE	

SECTION V - REACTIVITY DATA

Stability -	<u> </u> Unstable	<u> X </u> Stable
Conditions to Avoid:	INTENSE HEAT	
Incompatibility (Materials to Avoid):	STRONG BASES AND ANIONIC WETTING AGENTS. ALUMINIUM	
Hazardous Decomposition Products:	TOXIC BROMINE COMPOUNDS AND OXIDES OF NITROGEN.	
Hazardous Polymerization:	<u> </u> Will Occur	<u> X </u> Will Not Occur
Conditions to Avoid:	MIXING WITH OTHER CHEMICALS.	

AB WEEDTRINE D
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SECTION VI - HEALTH HAZARD DATA
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Acute Health Hazards: ORAL LD_{50(RAT)} = 3400 mg/Kg
 Chronic Health Hazards: NONE KNOWN
 Signs & Symptoms of Exposure: IRRITATING TO SKIN AND EYES. MAY BE FATAL IF SWALLOWED.
 Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Chemical Listed as Carcinogen or Potential Carcinogen by:

National Toxicology Program:	Yes:	No:	✓
I.A.R.C. Monographs:	Yes:	No:	✓
O.S.H.A.	Yes:	No:	✓

Emergency & First Aid Procedures: FOR PRINCIPLE ROUTE OF ENTRY, SEE APPROPRIATE EMERGENCY PROCEDURES BELOW.
 NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Route of Entry: Inhalation: REMOVE TO FRESH AIR.
 Eyes: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
 Skin: WASH THE AREA WITH LARGE AMOUNTS OF SOAP AND WATER FOR AT LEAST 15 MINUTES. SEE A DOCTOR IF RASH OCCURS.
 Ingestion: IMMEDIATELY CALL A DOCTOR. IF CONSCIOUS, INDUCE VOMITING.

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SECTION VII - SPILL OR LEAK PROCEDURES
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Steps to be Taken in Case Material is Released or Spilled:
 CLEAN UP ALL SPILLS BY USING APPROPRIATE ABSORBENT.
 PLACE ABSORBENT IN A DISPOSABLE CONTAINER.

Waste Disposal Methods: DISPOSE OF BY METHODS APPROVED BY LOCAL, STATE AND FEDERAL REGULATIONS.

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SECTION VIII - SPECIAL PROTECTION AND CONTROL MEASURES
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Respiratory Protection (Specify Type):

Ventilation -	Local Exhaust:	MECHANICAL	Special Exhaust:
	Mechanical Exhaust:	YES	Other Exhaust:

Protective Equipment - Gloves: RUBBER Eye Protection: FACE SHIELD

Other Protective Equipment: RUBBER APRON AND BOOTS.

Work or Hygienic Practices: USE SAFE CHEMICAL HANDLING PROCEDURES SUITABLE FOR THE HAZARDS PRESENTED BY THIS MATERIAL.

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SECTION IX - SPECIAL PRECAUTIONS
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Precautions to be Taken in Handling and Storage:
 STORE IN A COOL PLACE. DO NOT GET ON SKIN, EYES OR CLOTHING.

Other Precautions: AVOID BREATHING MIST. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE, DISPOSAL OR CLEANING OF EQUIPMENT.

KEEP OUT OF REACH OF CHILDREN

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THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

PB

Date of Last Revision: 11/20/03