

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

BIO TRIM

PRODUCT CODE: #024

CHEMICAL FORMULATION: NON-SELECTIVE AQUATIC WEED KILLER

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: FLAMMABILITY: REACTIVITY:

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	Other Limits	
	OSHA PEL	ACGIH TLV
DIQUAT DIBROMIDE (6,7-DIHYDRODIPYRIDO)	(1, 2-a:2', 1'-C)	(PYRAZINEDIIUM DIBROMIDE)
		Recommended % optional
		1.85
		NO TLV AVAILABLE

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (C/F): 215°-220°F MELTING POINT:
VAPOR PRESSURE (mm Hg.)@20C 15-16mm SPECIFIC GRAVITY (WATER = 1): 1.01
CORROSION RATE: FREEZING POINT:
VAPOR DENSITY (AIR = 1): NO DATA VOC CONTENT (% by weight):
SOLUBILITY IN WATER: COMPLETE EVAPORATION RATE (Butyl Acetate = 1): VERY LOW
pH:
APPEARANCE AND ODOR: VERY DARK LIQUID, NO ODOR

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (F/C): NONE (TEST METHOD):
FLAMMABLE LIMITS: UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: NONE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY:

CONDITIONS TO AVOID:

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID:

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VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?

HEALTH HAZARDS (ACUTE & CHRONIC):

CARCINOGENICITY: NTP? IARC MONOGRAPHS? OSHA REGULATED?

EFFECTS OF OVEREXPOSURE

IF IN EYES: STRONG EYE IRRITANT

IF ON SKIN: MAY BE FATAL IF ABSORBED THROUGH SKIN.

IF SWALLOWED: MATERIAL IS VERY TOXIC, MAY BE FATAL IF INGESTED, SYMPTOMS ARE OFTEN DELAYED

IF INHALED: RESPIRATORY TRACT IRRITANT

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLOOD WITH WATER AND SEEK PHYSICIAN

IF ON SKIN: WASH THOROUGHLY

IF SWALLOWED: SEEK PHYSICIAN IMMEDIATELY

IF INHALED:

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: MOP UP SPILL, DISPOSE OF MOP, DO NOT FLUSH DOWN DRAINS, AVOID CONTAMINATION OF DRINKING WATER, FEED, FOODSTUFFS, ETC.

WASTE DISPOSAL METHOD: ACCORDING TO LOCAL POLLUTION ORDINANCES.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Local Exhaust: FRESH AIR Mechanical (General): Special:

Other:

RESPIRATORY PROTECTION: REQUIRED TO PROTECT FROM SPRAYING MISTS.

PROTECTIVE GLOVES: RUBBER GLOVES REQUIRED

EYE PROTECTION: FACE SHIELD

OTHER PROTECTIVE EQUIPMENT: RUBBER APRON TO AVOID WETTING CLOTHES OR SKIN.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: BEWARE OF DRIFT WHEN USING OR BENEFICIAL BENEFICIAL VEGETATION WILL BE DESTROYED. KEEP LIVESTOCK OUT OF TREATED AREAS. DO NOT CONTAMINATE FEED OR FOODSTUFFS. DO NOT STORE NEAR FEED OR FOOD.

WORK/HYGIENIC PRACTICES :

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