MATERIAL SAFETY DATA SHEET

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I - Product Identification

Eliminator

PRODUCT CODE: 0145
CHEMICAL FORMULATION: Water based non-selective contact herbicide concentrate.
NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY**: 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR: 302	355	372	CAS #
Diquat Dibromide [6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinediium dibromide]	1.85	0.5 mg/m	0.5 mg/m	Y	N	N	85-00-7

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 (°F): N/D
SPECIFIC GRAVITY (WATER = 1): 1.01
VAPOR PRESSURE (mm Hg): N/D
VOC CONTENT (% by weight): N/D
VAPOR DENSITY (AIR = 1): N/D
EVAPORATION RATE (WATER = 1): N/D
SOLUBILITY IN WATER: Soluble
pH: 4.0-6.0
APPEARANCE AND ODOR: Clear, light yellow liquid; characteristic odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): None **(TEST METHOD):** Closed cup
FLAMMABLE LIMITS IN AIR (VOLUME %) **UPPER:** N/D **LOWER:** N/D
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full
protective gear including self-contained breathing apparatus. Fire may produce hazardous vapors.
UNUSUAL FIRE AND EXPLOSION HAZARD: None

V - Reactivity Data

STABILITY: Stable
INCOMPATIBILITY: Strong alkalis and anionic wetting agents. Corrosive to aluminum
CONDITIONS TO AVOID: None.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon. Combustion or thermal decomposition will evolve toxic and irritant vapors.
HAZARDOUS POLYMERIZATION: Will not occur.

VI - Health Hazard Data

ROUTES OF ENTRY INHALATION: X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None.
EFFECTS OF OVEREXPOSURE
IF IN EYES: Moderate irritation, redness tearing, blurred vision.
IF ON SKIN: Irritation and sensitization, with prolonged or repeated exposure.
IF SWALLOWED: Gastrointestinal irritation, nausea, abdominal pain, vomiting.
IF INHALED: Irritation to upper respiratory tract.
EMERGENCY AND FIRST AID PROCEDURES
IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
IF ON SKIN: Remove contaminated clothing and launder before reuse. Wash with soap and water. If irritation persists, obtain medical attention.
IF SWALLOWED: Contact physician or poison control center immediately. Give affected person several glasses of water and induce
vomiting. Never give anything to an unconscious person.
IF INHALED: Remove person to fresh air.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.
WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

VENTILATION **LOCAL:** Recommended **MECHANICAL:** Not required
PROTECTIVE GLOVES: Chemical resistant.
EYE PROTECTION: Safety goggles and/or face shield
OTHER PROTECTIVE EQUIPMENT: Eye wash station and protective clothing.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place. Keep container tightly closed when not in use.
OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None **DOT ID NUMBER:** None **DOT PACKING GROUP**: None
The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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