



MAXIMUM ECONOMIC YIELD

121 S. Estes Drive Suite 101 Chapel Hill, NC 27514

**MATERIAL SAFETY DATA SHEET: VOLCONTROL QUIZALOFOP EC HERBICIDE**

<b>Chemical Product Identification</b>	
PRODUCT NAME	: Volcontrol Quizalofop EC Herbicide
EPA REGISTRATION NO.	: 83529-15-80967
PRODUCT USE	: Herbicide
CHEMICAL NAME	: Ethyl(R)-2-[4-(6-chloroquinoxalin-2-yloxy)-phenoxy]propionate
CHEMICAL CAS NO.	: 100646-51-3
NOMINAL CONCENTRATION OF ACTIVE INGREDIENT	: 10.3%
NOMINAL CONCENTRATION OF OTHER INGREDIENTS	: 89.7%

<b>Company Identification</b>	
MANUFACTURED FOR	: MEY Corporation
ADDRESS	: 121 S. Estes Drive Suite 101 Chapel Hill, NC 27514

  

<b>EMERGENCY TELEPHONE NUMBERS</b>	
MEDICAL EMERGENCY	: 1-800-222-1222
TRANSPORTATION EMERGENCY	: CHEMTREC 1-800-424-9300

<b>Hazardous Identification</b>	
EMERGENCY OVERVIEW	: <b>DANGER.</b> Causes irreversible eye damage. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.
POTENTIAL HEALTH EFFECTS	: <b>Eyes:</b> May cause tearing, pain, or blurred vision. <b>Skin:</b> May cause itching, burning, redness, swelling, or rash. Prolonged exposure may cause severe skin irritation with burning, redness, swelling, pain, blisters, cracking or rash. <b>Inhalation:</b> May cause irritation to the nose and throat with sneezing, sore throat, or runny nose.
EXPOSURE LIMITS	: <b>OSHA:</b> Not a carcinogen at concentrations equal to or greater than 0.1% <b>ACGIH:</b> Not a carcinogen at concentrations equal to or greater than 0.1%
CONCENTRATION (%)	: 10.3%

<b>Emergency and First Aid Procedures</b>	
FIRST AID FOR EYES	: Hold eyelids open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
FIRST AID FOR SKIN	: In case of contact, remove contaminated clothing and rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
FIRST AID FOR INHALATION	: If a person is overcome by excessive exposure to this material remove to fresh air or uncontaminated area. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for treatment advice.
FIRST AID FOR INGESTION	: If swallowed, call a physician or poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN	: No specific antidote is available. Treat poisoning victims symptomatically.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	



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Fire and Explosion Data/Fire Fighting Measures

Table with 2 columns: Hazard Name and Description. Rows include FLASH POINT, EXTINGUISHING MEDIA, and SPECIAL FIRE FIGHTING PROCEDURES.

Accidental Release Measures

Table with 2 columns: Hazard Name and Description. Rows include PERSONNEL SAFEGUARDS, EMERGENCY RESPONSE, PERSONNEL HANDLING, PRODUCT HANDLING, and SPILL OR LEAK PROCEDURES.



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		<p><b>Accidental Release:</b> If material gets on ground near trees or other valuable plants remove the top 2 inches of soil after initial clean up.</p>
WASTE DISPOSAL METHOD	:	<p>Do not contaminate water supply, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and local regulations.</p>
EMPTY CONTAINER PRECAUTIONS	:	<p><b>Plastic Containers:</b> Do not reuse the container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.</p> <p><b>Fiber Sacks:</b> Completely empty fiber sack by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into manufacturing or application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities.</p> <p><b>Fiber Drums with Liners:</b> Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.</p> <p><b>Bags Containing Water Soluble Packets:</b> Do not reuse the outer box or the resealable plastic bag. When all water-soluble packets are used, the outer packaging should be clean and disposed of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by open burning. If burned, stay out of smoke. If the resealable plastic bag contacts the formulated product in any way, the bag must be triple-rinsed with clean water. Add the rinsate to the spray tank and dispose of the out wrap as described above.</p> <p><b>Metal Containers (Non-aerosol):</b> Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.</p> <p><b>Paper and Plastic Bags:</b> Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.</p>
ENVIRONMENTAL HAZARDS	:	<p>This product is toxic to fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.</p> <p>This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several months or more after application. Poorly drained soils and soils with shallow water tables are more prone to produce runoff that contains this product.</p>

**Storage Data**

HANDLING/STORAGE PRECAUTIONS	:	<p>Store product in original container only. Do not contaminate water, other pesticides, fertilizers, food or feed in storage. Store in a cool, dry area away from feed, seed, and fertilizer.</p>
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Exposure Controls/Personal Protection

Table with 2 columns: Category and Description. Categories include PERSONAL PROTECTIVE EQUIPMENT and EXPOSURE GUIDELINES.

Physical Properties

Table with 2 columns: Property and Value. Properties include PHYSICAL FORM, COLOR, ODOR, BULK DENSITY, PH, and SOLUBILITY IN WATER.

Reactivity Data

Table with 2 columns: Category and Description. Categories include STABILITY, HAZARDOUS POLYMERIZATION, and INCOMPATIBILITIES.

Toxicological Information

Table with 2 columns: Category and Description. Categories include ORAL LD50, DERMAL LD 50, INHALATION LD 50, EYE EFFECTS, SKIN EFFECTS SENSITIZATION, and SUBCHRONIC & CHRONIC TOXICITY.



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Table with 2 columns: Property and Description. Rows include morphological changes to the liver, CARCINOGENICITY, DEVELOPMENTAL TOXICITY, REPRODUCTION, and NEUROTOXICITY.

Shipping Information

Table with 2 columns: Property and Description. Rows include TECHNICAL SHIPPING NAME, FREIGHT CLASS BULK, FREIGHT CLASS PACKAGE, DOT/IMO, IATA, and ADDITIONAL SHIPPING INFORMATION.

Regulatory Information

Table with 2 columns: Property and Description. Rows include U.S. FEDERAL REGULATION, U.S. EPA REGISTRATION NO., TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312, ACUTE, CHRONIC, FIRE, REACTIVITY, and PRESSURE.

Other Regulatory Information

Table with 2 columns: Property and Description. Rows include NFPA Ratings (HEALTH, FLAMMABILITY, REACTIVITY) and NPCA-HMIS Rating (HEALTH, FLAMMABILITY, REACTIVITY).

This information in this MSDS is based on data available as of the issue date given. Judgments regarding the suitability of the information herein for the individual's own use or purposes is necessarily the individual's own responsibility.

MSDS Date: February 6, 2009