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Paraquat Technical

TECHNICAL

For Manufacturing, Formulating or Repacking Use Only

GUARANTEE:

Paraquat 32%

**PREVENT ACCESS BY UNAUTHORIZED PERSONNEL
READ THE LABEL AND TECHNICAL BULLETIN BEFORE USING**

DANGER



POISON

CORROSIVE TO EYES AND SKIN

REGISTRATION NO. **21247**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **BULK**

Syngenta Canada Inc.
140 Research Lane, Research Park
Guelph, Ontario N1G 4Z3
Telephone: 1-877-964-3682

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

FIRST AID

IF INGESTED, CALL 911 or an ambulance. SPEED IS ESSENTIAL. IMMEDIATE medical attention is required. If available, give an adsorbent such as activated charcoal or bentonite. Never give anything by mouth to an unconscious person.

IF ON SKIN/CLOTHING, IMMEDIATELY take off contaminated clothing and rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice **IMMEDIATELY**.

IF IN EYES, IMMEDIATELY hold eye 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 **IMMEDIATELY**.

IF INHALED, IMMEDIATELY move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice **IMMEDIATELY**.

Take container, MSDS, label, or product name and Pest Control Product Registration Number with you when seeking medical attention. FOR FURTHER TREATMENT ADVICE, CALL 1-800-327-8633 (1-800-FASTMED).

TOXICOLOGICAL INFORMATION

Refer to the booklet 'Paraquat Poisoning. A Practical Guide to Diagnosis, First Aid and Medical Management' (<http://www4.syngenta.com/what-we-do/crops-and-products/paraquat-safety>). Administer either activated charcoal (100 g for adults or 2 g/kg body weight in children) or bentonite clay (100 to 150 g for adults or 2 g/kg body weight for children). NOTE: the use of gastric lavage without administration of an adsorbent has not shown any clinical benefit. **DO NOT USE SUPPLEMENTAL OXYGEN.**

Eye splashes from concentrated material should be treated by an eye specialist after initial first aid treatment. Symptoms may develop gradually over 24 hours. Severe damage may be caused by apparently trivial contact. There is the possibility of late onset corneal ulceration. Use treatment that is appropriate to chemical burns. Treatment may need to continue for several months.

Dermal contact can cause severe skin effects including blistering, dermal ulceration and full thickness burns. Symptoms develop gradually, usually 1 to 3 days after exposure. Nail damage, or total loss of the nail may occur upon direct contact. Systemic toxicity can occur from dermal exposure (e.g., through cut or abraded skin, not washing after being splashed, wearing soaked clothes).

PRECAUTIONS

PREVENT ACCESS BY UNAUTHORIZED PERSONNEL.

Fatal if swallowed or inhaled. DO NOT inhale/breathe sprays, fumes or vapours.

Corrosive to eyes and skin. Causes severe skin burns and eye injury. Effects can be delayed. Take IMMEDIATE action if splashed on skin or in eyes (see First Aid section).

Harmful or fatal if absorbed through the skin.

DO NOT get on skin or clothing.

DO NOT get in eyes.

Wear chemical-resistant coveralls over a long-sleeved shirt and long pants, socks and chemical-resistant footwear, chemical-resistant gloves, protective eyewear and face shield when handling. In addition, wear either a NIOSH approved organic-vapour-removing cartridge with a prefilter approved for pesticides or a NIOSH approved canister approved for pesticides when airborne concentrations are expected to exceed exposure limits (e.g. emergency spills).

REMOVE HEAVILY CONTAMINATED CLOTHING IMMEDIATELY and wash before re-use. WASH hands and face thoroughly after handling and before smoking or taking meals.

CHEMICAL HAZARD

This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. Such gas could flash or explode causing serious personal injury, if ignited by open flame, spark, welders torch, lighted cigarette or other ignition source. Do not mix or store in containers or systems made of aluminum or having aluminum fittings.

ENVIRONMENTAL HAZARD

This product is toxic to wildlife. Birds and other wildlife in contaminated areas may be killed. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters.

STORAGE

Store above 0°C. If crystallization occurs because of storage below this, warm to room temperature and agitate gently until reconstituted.

DISPOSAL

Canadian formulators using this product should dispose of unwanted active ingredient and

containers in accordance with municipal or provincial regulations. For additional details and information on clean up of spills, contact the provincial regulatory agency and the manufacturer.

DECONTAMINATION

Bulk Tank: Bulk tanks are dedicated to paraquat concentrates. Rinse the tanks with water and return to place of shipment.

Lined Drums: Wash drums with clean fresh water as soon as they have been emptied. Dispose of rinsate in mixing tank. To decontaminate, fill the drums with a 1-2% solution of sodium hydroxide and let stand for 24 hours. Wash out with fresh water.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING
CALL 1-800-327-8633 (FASTMED)***

DIRECTIONS FOR USE

To be used only in the manufacture of a herbicide which is registered under the *Pest Control Products Act*.