















-

© 2014 Bayer CropScience



Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet

**Paraquat Dichloride Technical**

**( Contact Herbicide )**

It is a non-selective, contact herbicide (containing 42% w/w active ingredient, Paraquat Dichloride a.i. by mass and balance adjuvants) used for manufacturing Paraquat dichloride based formulation for controlling weeds in various crops.

<b>Chemical Composition:</b>	<b>Ingredient</b>	<b>%W/W</b>
Other associated impurities		Q.S max.
Paraquat Dichloride a.i		42% min.
Total		100.0 %
<b>Total:</b>		<b>100.000% w/w</b>

**Good Practices relating to pesticide application techniques**

**Direction of Use**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

**Weather Condition(in general):**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

**Soil & Water(where ever applicable):**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

**Crop Stage for application:**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

**Application Technique**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

**Equipment Type:**

**Not applicable**

**NozzleType:**

**Not applicable**

**Dosage:**

**Instruction for Mixing:**

Not applicable

**Re-entry Period**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

**Pre-Harvesting Interval**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

**Manner and Time of Application**

Not applicable

**Application Timing**

**Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

#### **Frequency**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

#### **Stages during which pesticides should not be applied on any crop :**

#### **Not applicable**

#### **Precautions to be taken to avoid harm to the beneficial insects like honey bees and natural enemies of pests :**

Not applicable

#### **Symptoms Of Poisoning**

Irritation, nose bleeding, abdominal discomfort, looseness of bowels and signs of liver and kidney failure etc.

##### a) Local

1. Ingestion: Nausea/vomiting, diarrhoea, abdominal pain, mouth/throat ulceration.

2. Skin/Eyes: Concentrated product is extremely irritating to skin and eyes.

##### b) Systemic

1. Severe Poisoning: - Coma and Shock, Multi-organ damage. Death within 48-72 hours.

2. Moderate Poisoning:- Kidney/liver damage 2-3 days post-ingestion. Progressive lung damage, 5-10 days post-ingestion, leading to death from respiratory failure.

#### **First Aid**

##### a) First Aid:

Remove the affected person from the danger zone to a well-ventilated area or fresh air. Protect the affected person from cold. In case of suspected poisoning, stop work immediately and call a physician.

If ingested: if person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to drink. Never give anything by mouth to an unconscious person. Call the doctor. Do not induced vomiting until and unless desired by attending physician.

If inhaled: Take the patient to fresh air and take care of body temperature. If patient is not breathing or breathing with difficulty, give artificial respiration, Consult a physician.

In case of skin contact: Wash thoroughly the affected part of body with soap and plenty of water including hairs and under fingernails. If pain, redness or irritation persists, consult a doctor. All contaminated clothes should be segregated and thoroughly washed with soap and water separately before use.

In case of eye contact: Rinse gently with plenty of water at least for 15 minutes. If pain, irritation, redness or photophobia persists. Consult eye specialist

#### **Antidote**

No specific antidote, symptomatic and supportive therapy.

#### **Phytotoxicity**

Not applicable since it is a technical grade herbicide meant for manufacturing its approved formulation of reduced concentrations

#### **Safety Precaution:**

Keep away from reach of children. Avoid inhalation and any contact of skin, eyes and mouth, while handling the technical grade herbicide. Do not inhale spray mist. Use full protective clothing such as full sleeve shirt and pant, chemical resistant gloves, apron, mask, chemical resistant goggles, hat and solid footwear while handling. Remove clothing immediately if contaminated. Wash contaminated clothing before re use. Do not eat, drink, smoke or chew anything while handling the technical grade herbicide and wash hands and face before doing so. If any indisposition occurs, stop work, follow first aid measures, and call a physician immediately. Wash contaminated clothes and parts of body after handling the product with plenty of water and soap. Do not contaminate streams, ponds, waterways etc. by discharging leftover materials into them. Always follow the Label/ Leaflet instructions while handling the product.

Avoid dust formation. Control the spills at its source. Do not flush the leaks to sewer, cover spillages with absorbent earth or clay and shovel into waste containers. Prevent the spill from spreading or contaminating soil or from entering sewage and drainage systems or any other water body. Clean up the spills immediately. Undiluted paraquat dichloride can damage your eyes and can irritate your skin. See First-Aid.

#### **Storage Conditions**

1. The packages containing the herbicides should be stored in original containers in separate rooms or premises away from the rooms or premises used for storing other articles particularly articles of food, tobacco products or animal feed and shall be kept in separate almirahs under lock and key.

2. The rooms or premises meant for storing the herbicide shall be well built, dry, well-lit and ventilated and of sufficient dimension to avoid contamination with vapor.

3. Keep away from direct sunlight, damp and from reach of children, animal and unauthorized persons.

**Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet**

**Cautionary Statement:**

- 1. Toxic to fish, aquatic organisms hence should not be used near water bodies, aquaculture or pisciculture.**
- 2. Not to be used for any purpose other than those subscribed on label and leaflets.**
- 3. Destroy the container after use as directed on leaflet.**
- 4. Toxic through inhalation route**

**Disposal of used containers, washing from equipment and surplus material :**

1. It shall be the duty of manufactures, formulators of insecticides and operators to dispose packages or surplus material and washings in a safe manner so as to prevent environmental or water pollution.
2. The used packages shall not be left outside to prevent their re-use.
3. The packages shall be broken and buried away from habitation.

**Manufacturer Premises :**

Syngenta India Limited, Santa Monica Works, Corlim, Ilhas, Goa  
Maharashtra  
Unit II, Plot No. 155/1, GIDC Estate, Ankaleshwar, District-  
Bharuch, Gujarat  
Maharashtra

**Imported and Repacked by**

Syngenta India Limited  
Syngenta India Limited, Amar Paradigm, S.No. 110/11/3, Baner  
Road, Pune- 411 045 Pune Maharashtra

**Customer Care Details**

-

**Safety Pictograms:**



**Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet**