

# SAFETY DATA SHEET

## CHLORONION® Herbicide

Date of Issue: 21 September 2022

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Chloridazon  
**Recommended use:** Herbicide

**Supplier:** UPL New Zealand Limited  
PO Box 51584, Pakuranga  
Auckland  
Phone 0800 100 325  
[www.upl-ltd.com/nz](http://www.upl-ltd.com/nz)

**Emergency telephone number:** 0800 CHEM CALL (0800 243 622) 24 Hours



### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** 6.5B, 9.1A, 9.2A  
**Required identification Details:** **Signal Word: WARNING**  
Keep out of reach of Children.  
Read label before use.

May cause an allergic skin reaction.  
Very toxic to aquatic organisms.  
Very toxic in the soil environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients		
Common name	CAS No	%
Chloridazon	1698-60-8	43

### 4. FIRST-AID MEASURES

**Description of necessary first aid measures:**

**General information:** Avoid skin contact and inhalation of spray mist. Prolonged or frequent skin contact may cause allergic reactions in some individuals. Possible skin sensitizer.

## **First-aid measures:**

<b>Inhalation:</b>	Remove to fresh air. Apply artificial respiration if necessary. Get medical help if breathing difficulty persists.
<b>Ingestion:</b>	Give a glass or two of water. Get medical help. Never give anything by mouth to an unconscious person.
<b>Skin contact:</b>	Remove contaminated clothing. Wash with soap and water. If irritation persists see a doctor.
<b>Eye contact:</b>	Immediately flush with water for 15 minutes. If irritation persists see a doctor.
<b>Notes to a physician:</b>	Symptomatic treatment advised

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## **5. FIRE-FIGHTING MEASURES**

<b>Fire and Explosion Hazards:</b>	
<b>Hazchem code:</b>	2XE
<b>Extinguishing media:</b>	Water spray, foam, dry chemical, carbon dioxide.
<b>Hazardous thermal (de)composition products:</b>	Carbon monoxide, nitrogen oxides, hydrogen chloride.
<b>Protection of fire-fighters:</b>	Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke of gases.
<b>Other information:</b>	

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## **6. ACCIDENTAL RELEASE MEASURES**

<b>Accidental release:</b>	
<b>Personal precautions:</b>	Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants, waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work. Keep unprotected persons and animals out of the area.
<b>Environmental precautions:</b>	Contain spill, do not allow material to enter sewers or bodies of water. Keep unprotected persons and animals out of the area.
<b>Methods for cleaning up:</b>	Soak up with sand, sawdust or other absorbent material, shovel or sweep up and bury in an approved landfill.

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## **7. HANDLING AND STORAGE**

<b>Handling:</b>	Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants, waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work.
<b>Storage:</b>	Store in original container, tightly closed in a locked, dry, well ventilated place away from food or feedstuffs. Keep away from sparks, heat and flames. Keep out of reach of children or animals.
<b>Specific use:</b>	

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Workplace Exposure Guidelines**

**Exposure Standards:** Not established

### **Engineering measures**

**Exposure control measures:** Observe all precautions associated with handling Agrochemicals.

### **Personal Protective Equipment**

**Detail specifications for equipment:**

**Respiratory system:** Avoid breathing spray mist.

<b>Skin and body:</b>	Wear long sleeved shirt, long pants worn outside of boots.
<b>Hands:</b>	Wear water proof gloves.
<b>Eyes:</b>	Wear safety goggles or face shield.
<b>General hygiene:</b>	Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State: Colour, Odour.</b>	Yellow/beige liquid. Faint odour.
<b>pH:</b>	8
<b>Vapour Pressure:</b>	NA
<b>Boiling Point:</b>	NA
<b>Flash Point:</b>	
<b>Melting point:</b>	183-186°C
<b>Solubility:</b>	Dispersible.
<b>Specific Gravity/Density:</b>	1.169g/ml
<b>Flammability:</b>	
<b>Information for flammable material:</b>	Not a fire or explosion hazard.
<b>Viscosity:</b>	
<b>Octanol/water partition coefficient:</b>	
<b>Explosion properties:</b>	Not Explosive
<b>Oxidation Properties:</b>	Not an oxidizer

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions
<b>Conditions to avoid:</b>	Extreme heat
<b>Materials to avoid:</b>	Oxidizers
<b>Hazardous Decomposition</b>	Carbon monoxide, nitrogen oxides, hydrogen chloride.
<b>Products:</b>	
<b>Hazardous polymerization:</b>	None known

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity – Oral:</b>	LD <sub>50</sub> : 3,830mg/kg (Rat)
<b>Acute toxicity - Dermal:</b>	LD <sub>50</sub> : > 2,000 mg/kg (Rat)
<b>Inhalation:</b>	LC <sub>50</sub> : >5.4 mg/litre,4 hr (Rat)

<b>Skin irritation:</b>	Not irritant
<b>Eye irritation:</b>	Not an eye irritant
<b>Sensitization :</b>	Contact sensitizer

### Chronic toxicity

<b>Carcinogenicity:</b>	Not Carcinogenic
<b>Mutagenicity:</b>	Not Mutagenic
<b>Ames test:</b>	
<b>Chromosomal aberration test:</b>	

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	
<b>Fish:</b>	Very toxic to aquatic organisms. LC <sub>50</sub> > 32mg/litre,96 hr (Trout).
<b>Birds:</b>	Non-toxic to birds LD <sub>50</sub> > 2,000 mg/kg (Bobwhite quail)

**Bees:** Not Toxic to Bees  
**Soil:** Very toxic to earthworms.  
**Water:** Rapidly degraded in water  
**Bioaccumulation:** Not bio-accumulated  
**Degradability:**  
**Mobility:**

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### 13. DISPOSAL CONSIDERATIONS

**Methods of disposal:**



Ideally, the product should be used for its intended purpose.  
Do not discharge into drains or waterway or sewer systems.  
Contaminated empty containers must be disposed of as chemical waste.  
Obey all local regulations for health and safety and environment protection.

**Empty container precautions:**

Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery. Otherwise crush and bury in a suitable landfill.

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### 14. TRANSPORT INFORMATION - International transport regulations

**UN number:** 3082  
**Hazchem code:** 2XE  
**Class or Division:** 9  
**Subsidiary Class:**  
**Packing Group:**  
**Marine Pollutant:**  
**Proper shipping name:** Environmentally hazardous substance Liquid N.O.S. chloridazon.  
**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):** This material is not a dangerous good as defined by the International Air Transport Association Dangerous Goods Regulations.

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### 15. REGULATORY INFORMATION

**ACVM Registered Number:** P009469  
**HSNO Approval Code:** HSR101123

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### 16. OTHER INFORMATION

**Additional information:** **Original Issue Date:** 29th April 2019  
**Revision Date:** 22 September 2022  
**Replaces:** ES516

**Disclaimer EXCLUSION OF LIABILITY: PLEASE READ**

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