



# SAFETY DATA SHEET

**Clenza<sup>®</sup>**

Date of Issue: 20 January 2011

## 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Fatty acids (potassium soap)

**Recommended use:** A fungicide and insecticidal soap for use on crops

**Supplier:** Etec Crop Solutions Ltd  
PO Box 51584  
Pakuranga  
Auckland  
Phone 0800 100 325

**Emergency telephone number:** 0800 Poison (0800 764 766) 24 Hours

## 2. HAZARDS IDENTIFICATION

**Hazard Classification:** 6.1D  
**Required identification Details:** Harmful if swallowed

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients		
Common name	CAS No	%
Fatty acids as potassium salts	N/A	25
Water		75

## 4. FIRST-AID MEASURES

**Description of necessary first aid measures:**

### Effects and symptoms

#### First-aid measures

**Inhalation:** No abnormal effects. If reaction occurs seek medical attention.

**Ingestion:** Wash out mouth with plenty of water. Get medical attention. Never give anything by mouth to an unconscious person.

**Skin contact:** No abnormal effects. Wash area with plenty of soap and water.

**Eye contact:** May cause irritation to eyes. Flush eyes with copious quantities of flowing water for 15 minutes. Seek medical attention.

**Notes to a physician:** Treat symptomatically.

---

## 5. FIRE-FIGHTING MEASURES

**HAZCHEM Code:** 4XE

**Extinguishing media :** Dry powder, carbon dioxide or water spray.

**Hazardous thermal (de)composition products:** None known.

**Protection of fire-fighters:** Not required

---

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear PVC overalls, chemical resistant gloves, facemask or goggles.

**Environmental precautions:** Contain Spills. Do not discharge into drains or the environment.

**Methods for cleaning up:** Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.

---

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes and skin.

**Storage:** Keep only in the original container. Keep in a cool, dry, well ventilated place away from direct sunlight. Protect from frost. Store at 10-30°C.

**Packaging materials:** Plastic HDPE 20 litres containers.  
Plastic HDPE 200 litre containers.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Workplace Exposure Guidelines

**Exposure standards:** None Established

**Engineering measures**

**Exposure control measures:** No special ventilation required in enclosed areas.

**Personal Protective Equipment**

**Detail specifications for equipment:**

**Respiratory system:** Respiratory protection is not required.

**Skin and body:** Wear long sleeved shirt, long pants.

**Hands:** Use gloves chemically resistant (eg: nitrile or neoprene)

when prolonged or frequently repeated contact could occur.

**Eyes:** Use safety glasses if exposure possible.

**General hygiene:** When handling do not eat, drink or smoke. Wash hands thoroughly after handling. Wash clothing separately before re-use.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State: Colour, Odour.</b>	Opalescent light yellow solution
<b>pH:</b>	10.5-11.5
<b>Vapour Pressure:</b>	Non-volatile
<b>Boiling Point:</b>	N/A
<b>Freezing/melting point:</b>	N/A
<b>Solubility:</b>	100%
<b>Specific gravity:</b>	0.98 –1.009
<b>Flashpoint:</b>	>100°C
<b>Octanol/water partition coefficient:</b>	N/A
<b>Explosion properties:</b>	Not Explosive.
<b>Oxidation properties:</b>	Not an Oxidizing Agent

---

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Excess heat
<b>Materials to avoid:</b>	Oxidizing agents, acids
<b>Hazardous decomposition Products:</b>	None known
<b>Hazardous polymerization:</b>	Not subject to polymerization
<b>Specific Data:</b>	
<b>Hazardous reactions :</b>	None expected

---

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity – Oral :</b>	Not determined – Low toxicity
<b>Acute toxicity - Dermal :</b>	Not toxic
<b>Acute toxicity – Inhalation:</b>	Not toxic
<b>Skin irritation :</b>	May cause mild irritation through prolonged exposure
<b>Eye irritation:</b>	May cause mild eye irritation
<b>Sensitization :</b>	Not a sensitizer

### Chronic toxicity

<b>Mutagenicity:</b>	Not Mutagenic
<b>Reproduction toxicity:</b>	Not a Reproductive toxin
<b>Other information :</b>	

---

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	<b>N/A</b>
--------------------	------------

---

### 13. DISPOSAL CONSIDERATIONS

**Methods of disposal :** Triple rinse container and add to spray tank, burn if permitted and circumstances, particularly wind direction, permit, otherwise crush and bury in an approved landfill. Do not contaminate any waterway with chemical or empty container. Ensure that any unwanted product is used in accordance with label directions.

---

### 14. TRANSPORT INFORMATION - International transport regulations

**UN number:** N/A  
**Class or Division:** N/A  
**Packing Group:**  
**Marine Pollutant:** N/A  
**Proper shipping name :**

---

### 15. REGULATORY INFORMATION

**ACVM Registered Number:** P8181  
**HSNO Approval Code:** HSR000690

---

### 16. OTHER INFORMATION

**Additional information:** **Original Issue Date:** 20 January 2011  
**Revision Date:** N/A  
**Replaces:** N/A

***Disclaimer EXCLUSION OF LIABILITY: PLEASE READ***

*This Safety Data Sheet is based on the most recent information available. To the extent permitted by law, users of this information accept that neither the manufacturer, Etec Crop Solutions Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these information.*

@ is a registered trademark of Etec Crop Solutions Ltd