



## SAFETY DATA SHEET

# TECAL

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

<b>Product name</b>	TECAL
<b>Product Description</b>	Fertiliser
<b>Company</b>	<b>Crop Intellect Ltd</b> Enterprise@Lincoln, Rope Walk, Lincoln LN4 2UJ, United Kingdom
<b>Email</b>	apostolos@cropintellect.co.uk
<b>Telephone</b>	+44 (0) 7500 794140

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredients</b>	Hazardous ingredient: Zinc Nitrate 1%, Hazard Class: 5.1, packing group: II. UN No 1514. EMS No 5.1-06 [Xn] – Harmful R20/21/22 (by inhalation, in contact with skin, if swallowed), [C] – Corrosive R34 (causes burns), [Xi] –Irritant R37 (to respiratory system)
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### 3. HAZARDS IDENTIFICATION

<b>Main hazards</b>	Irritant to eyes and skin
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### 4. SYMPTOMS AND FIRST AID MEASURES

<b>Skin contact</b>	Irritation to skin, redness at the point of contact. Remove contaminated clothing and wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Irritation to eyes, pain and redness, blurred vision, watery eyes. Rinse and batch immediately the eyes with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Inhalation</b>	Irritation to throat and tightness in the chest. Move the exposed person to fresh air.
<b>Ingestion</b>	Soreness and redness to mouth and throat. DO NOT INDUCE VOMITING. Wash mouth with water and if conscious give half a litre of water to drink immediately. Consult a doctor immediately.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Use extinguishing media appropriate to the surrounding fire conditions.
<b>Exposure hazards</b>	In combustion emits toxic fumes.
<b>Fire hazards</b>	Burning produces irritating, toxic and obnoxious fumes.
<b>Protective equipment</b>	Wear suitable respiratory equipment and skin and eye protection.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Wear suitable protective clothing (see section 8). Turn leaking containers leak side up to prevent escape of liquid.
<b>Environmental precautions</b>	Do not allow product to enter drains or rivers. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb into dry earth or sand. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water where suitable.

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## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Self contained breathing apparatus must be available in case of emergency.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	In case of splashing, wear: Approved safety goggles. Ensure eye bath is available.
<b>Protective equipment</b>	Wear protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.	<b>Water solubility</b>	Highly water soluble.
<b>Colour</b>	Brown.	<b>pH</b>	5 (±1)
<b>Odour</b>	Fruity.	<b>Density</b>	1.24 (±0.1)
<b>Evaporation</b>	Slow.	<b>Oxidising</b>	Non-oxidising

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Avoidance</b>	Heat. Strong oxidising agents. Strong acids.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	See section 4.
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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Negligible ecotoxicity. Readily absorbed into the soil. Biodegradable.
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## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
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## 14. TRANSPORT INFORMATION

<b>Further information</b>	The product is safe for transport taking into account the above precautions and any applicable local, national and international regulations.
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## 15. REGULATORY INFORMATION

<b>Labelling</b>	Hazard symbol: Irritant. Risk phrases: R36/38 (irritant to eyes and skin). The users' attention is drawn to possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.
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# TECAL

## 16. OTHER INFORMATION

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### Product Trade Logo



Crop Intellect Ltd is a limited company registered in England and Wales, Company number: 7833468

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### Further information and disclaimer

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