

## TRAKKA Red

Date of Issue: 25 July 2008

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Diazo Dye

**Recommended use:** Marker dye for agricultural applications

**Supplier:** Elliott Technologies Limited  
PO Box 838  
Pukekohe  
Phone 0800 100 325

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

### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** 6.3B, 6.4A

**Required identification Details:** May be harmful if swallowed  
May be irritating to the mucous membranes of the respiratory tract.  
Slightly irritant to eyes.  
May be irritating to skin.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Diazo Dye	NA	
Water to 100%		

### 4. FIRST-AID MEASURES

#### Description of necessary first aid measures:

#### Effects and symptoms

#### First-aid measures

**Inhalation:** Remove victim from area of exposure. Seek medical advice if effects persist.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

**Skin contact:** If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with

running water. If irritation occurs seek medical assistance.

**Eye contact:**

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Seek medical treatment if effects continue after first aid treatment

**Notes to a physician:**

Treat symptomatically

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## 5. FIRE-FIGHTING MEASURES

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. The product is not flammable.

**HAZCHEM Code:**

**Extinguishing media:**

Carbon dioxide, dry chemical, foam, water, fog.

**Hazardous thermal (de)composition products:**

Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds; under some circumstances, oxides of nitrogen. Oxides of sulphur (sulphur dioxide is a respiratory hazard) and other sulphur compounds.

**Protection of fire-fighters:**

When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat, goggles and respirator. All skin areas should be covered.

**Unusual Fire & Explosion Hazards:**

Fire decomposition products from this product may form toxic and corrosive mixtures in confined spaces. This product may form flammable or explosive dust clouds in air.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

As a minimum, wear overalls, goggles and gloves

**Environmental precautions:**

Stop leak if safe to do so, contain spill and absorb with clay, sand, or proprietary absorbent ( eg vermiculite).

**Methods for cleaning up:**

Sweep, shovel up, and collect in sealed labelled, open top containers for disposal.  
In the event of a spill, prevent spillage from entering drains or water courses. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services

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## 7. HANDLING AND STORAGE

**Handling:**

Avoid skin and eye contact and breathing in mists.

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**Storage:** Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and store away from incompatible materials described in Section 10 below.

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

### **Workplace Exposure Guidelines**

**Workplace exposure standards:** A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established for any of the major ingredients in this product. There is a blanket limit of 10mg/m<sup>3</sup> for dusts or mists when limits have not otherwise been established.

**Ventilation specification:** If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

### **Personal Protective Equipment**

#### **Detail specifications for equipment:**

**Respiratory system:** The use of a dust or vapour mask is suggested when this product is being used, especially if in confined or dusty spaces.

**Skin and body:** This product is essentially safe to use without special protective clothing. However, its use is recommended as a good industrial practice Wearing safety boots in industrial situations is advisory Impermeable protective gloves should be worn when you are using this product, to prevent irritation.

**Hands:** Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear

**Eyes:** Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear

**General hygiene:** Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Colour:** Red

**Odour:**  
**pH:** 8-9

**Vapour Pressure:**

**Vapour Density:**

**Boiling Point:**

**Freezing/melting point:**  
**Solubility:** Soluble in water  
**Specific gravity or density:** 1.1 approx @20°  
**Information for flammable material including:** Not flammable

- Lower and upper flammability limits
- Flashpoint (state test Method)

**Auto – ignition Temperature:**  
**Octanol/water partition coefficient:**  
**Explosion properties:** Not explosive  
**Oxidation properties:** Not an oxidiser

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## 10. STABILITY AND REACTIVITY

**Stability:** Materials to avoid: strong acids, strong bases, strong oxidising agents  
This product is unlikely to spontaneously polymerise.

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## 11. TOXICOLOGICAL INFORMATION

No long term toxicological effects.

**Acute toxicity – Oral :** LD<sub>50</sub> (Rat): >5000mg/kg

**Skin irritation :** Irritation: Non irritant (Rabbit)  
Sensitizing: Non sensitizing (Guinea pig / OECD 406)  
**Eye irritation:** Non irritant (Rabbit /OECD 405)

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity Fish** Acute Toxicity Fish: LC<sub>50</sub> (96 hr) >1000 mg/L, Zebra fish (OECD 203)

**Daphnids (acute)** Daphnids (acute) EC<sub>50</sub> (48 hr) >100 mg/L, Daphnia magna (OECD 203)

**Bacteria** Bacteria IC<sub>50</sub> (3 hr) > 400 mg/L, (OECD 209)

**Algae** Algae, growth inhibition: EC<sub>50</sub> (72 hr) > 100 mg/L, (OECD 201)

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## 13. DISPOSAL CONSIDERATIONS

**Methods of disposal :** This material may be suitable for approved landfill. Dispose of only in accord with all regulations.  
Triple rinse container and add residue to spray tank. Submit

clean empty container for recycling through Agrecovery. If this is not possible, burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill

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#### **14. TRANSPORT INFORMATION**

##### **International transport regulations**

**International transport regulations:** No special storage and transport requirements. This product has no UN classification. Not a Scheduled Poison. Not a Dangerous Good.

**UN number:** **NA**

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#### **15. REGULATORY INFORMATION**

**ACVM Registered Number:**  
**HSNO Approval Code:** HSR002503

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#### **16. OTHER INFORMATION**

**Additional information:**

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