



# SAFETY DATA SHEET

## TRAKKA<sup>®</sup> Red Marker Dye

Date of Issue: 30 September 2021

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Diazo Dye  
**Recommended use:** Marker dye for use with agricultural applications.

**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:** 6.3B, 6.4A  
**Required identification Details:** **Signal Word: WARNING**  
Keep out of reach of children.  
Read label before use.

Causes eye irritation.  
Causes mild skin irritation

### 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:

**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

**Notes to a physician:**

medical treatment if effects continue after first aid treatment  
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:**

**Extinguishing media:**

**Hazardous thermal**

**(de)composition products:**

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

Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and 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 adsorb with clay, sand, or proprietary adsorbent (e.g. 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.

**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.

**Packaging materials:**

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Workplace Exposure Guidelines

**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.

### Engineering measures

**Exposure control measures:**

### 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. This product is essentially safe to use without special protective

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**Skin and body:**

**Hands:**

**Eyes:**

**General hygiene:**

clothing. However, its use is recommended as a good industrial practice. Wearing safety boots in industrial situations is advised. Impermeable protective gloves should be worn when you are using this product, to prevent irritation.

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

<b>Physical State: Colour, Odour.</b>	Red liquid.
<b>pH:</b>	8 - 9
<b>Vapour Pressure:</b>	
<b>Boiling Point:</b>	
<b>Vapour Density:</b>	
<b>Freezing/melting point:</b>	
<b>Solubility:</b>	Soluble in water
<b>Specific Gravity/Density:</b>	1.1 approx @20°
<b>Flashpoint</b>	
<b>Information for flammable material:</b>	Not flammable
<b>Viscosity:</b>	
<b>Octanol/water partition coefficient:</b>	
<b>Explosive Properties:</b>	Not explosive
<b>Oxidation Properties:</b>	Not an oxidizer

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## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Materials to avoid: strong acids, strong bases, strong oxidising agents.
<b>Conditions to avoid:</b>	
<b>Materials to avoid:</b>	
<b>Hazardous Decomposition Products:</b>	
<b>Hazardous polymerization:</b>	This product is unlikely to spontaneously polymerise.
<b>Hazardous reactions:</b>	

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## 11. TOXICOLOGICAL INFORMATION

No long-term toxicological effects.

<b>Acute toxicity – Oral:</b>	LD <sub>50</sub> (rat): > 5000 mg/kg
<b>Acute toxicity – Dermal:</b>	
<b>Acute toxicity – Inhalation:</b>	

<b>Skin irritation:</b>	Irritation: Non-irritant (Rabbit)
<b>Eye irritation:</b>	Non-irritant (Rabbit /OECD 405)
<b>Sensitization:</b>	Sensitizing: Non sensitizing (Guinea pig / OECD 406)

### Chronic toxicity

**Mutagenicity:**

**Reproduction toxicity:**

**Carcinogenicity:**

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:****Aquatic:**

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

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:**

Dispose of only in accord with all regulations.

Ensure that all product is used according to label instructions as the preferred option for disposal.

Triple rinse container and add residue to spray tank. Submit clean empty container for recycling through Agrecovery. If this is not possible bury in landfill  
Do not contaminate any waterway with chemical or empty container.

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**14. TRANSPORT INFORMATION - International transport regulations****UN number:**

NA

**Class or Division:**

NA

**Packing Group:****Marine Pollutant:**

NA

**Proper shipping name:****INTERNATIONAL AIR  
TRANSPORT ASSOCIATION  
(IATA):**

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

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**15. REGULATORY INFORMATION****ACVM Registered Number:****HSNO Approval Code:**

HSR002503

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**16. OTHER INFORMATION****Additional information:**

**Original Issue Date:** Dec 2013

**Revision Date:** 4 October 2021

**Replaces:** ES487

**Disclaimer EXCLUSION OF LIABILITY: PLEASE READ**

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