

## Dye Manufacturers of Australia Pty Ltd

ABN 27 102 340 929

14 Tait Street, Kelvin Grove QLD 4059

Ph: (07) 3856 0031 Fax: (07) 3856 0035

E-mail: [sales@tintex.com.au](mailto:sales@tintex.com.au)

Web: [www.tintex.com.au](http://www.tintex.com.au)

# SAFETY DATA SHEET TINTEX DYE FIXING LIQUID

## 1. IDENTIFICATION

Product Identification:

Tintex Dye Fixing Liquid

Product Use:

Tintex Fabric Dye Fixing Liquid is recommended as an additive when extra protection against colour loss is desired. Dye Fix is a liquid resin suitable for use on cellulose fibers such as cotton, linen, viscose rayon, hemp and their blends.

Company Identification:

Dye Manufacturers of Australia Pty Ltd

## 2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

### DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name – Intrafix NRF

Chemical Entity

CAS NO

PROPORTION

Ingredients determined not to be hazardous

100%

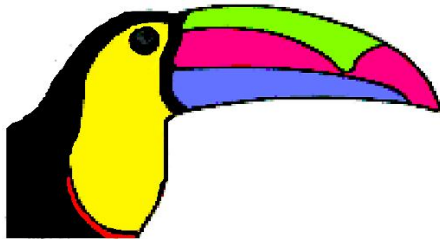
## 4. FIRST AID MEASURES

**Inhalation:** Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin Contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye Contact:** If in eyes was out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.



**Dye Manufacturers of Australia Pty Ltd**

ABN 27 102 340 929

14 Tait Street, Kelvin Grove QLD 4059

Ph: (07) 3856 0031 Fax: (07) 3856 0035

E-mail: [sales@tintex.com.au](mailto:sales@tintex.com.au)

Web: [www.tintex.com.au](http://www.tintex.com.au)

## **SAFETY DATA SHEET TINTEX DYE FIXING LIQUID**

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

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** if material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

**Specific hazards:** Non-combustible material.

**Fire-fighting further advice:** Not combustible, however following evaporation of aqueous component residual material can burn if ignited.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **SMALL SPILLS**

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapors or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

#### **LARGE SPILLS**

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapors. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

### **7. HANDLING AND STORAGE**

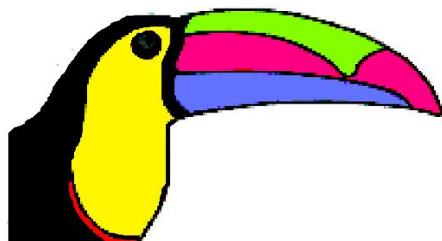
**Handling:** Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapor, mist or aerosols.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

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

**National occupational exposure limits:** No value assigned for this specific material by Safe Work Australia.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.



## Dye Manufacturers of Australia Pty Ltd

ABN 27 102 340 929

14 Tait Street, Kelvin Grove QLD 4059

Ph: (07) 3856 0031 Fax: (07) 3856 0035

E-mail: [sales@tintex.com.au](mailto:sales@tintex.com.au)

Web: [www.tintex.com.au](http://www.tintex.com.au)

# SAFETY DATA SHEET TINTEX DYE FIXING LIQUID

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONT...)

**Engineering Measures:** Natural ventilation should be adequate under normal use conditions.

**Personal Protection Equipment:** SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES.

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from butyl rubber, nitrile rubber, polyvinyl chloride (PVC) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapor, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Liquid
<b>Colour:</b>	Light yellow to straw coloured
<b>Odour:</b>	Slight/No Odour
<b>Solubility:</b>	Easily Soluble
<b>Specific Gravity:</b>	Approximately 1.04 - 1.06
<b>Relative Vapour Density (air=1):</b>	>1
<b>Boiling Point/Range (°C):</b>	Approx 100
<b>pH:</b>	4.0 - 8.0 (Neat)

## 10. STABILITY AND REACTIVITY

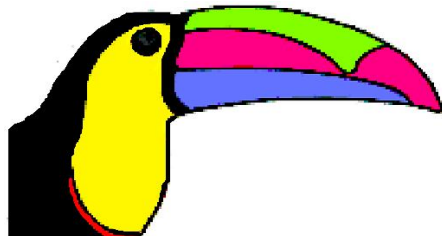
**Chemical stability:** This material is thermally stable when stored and used as directed.

**Conditions to avoid:** Elevated temperatures and sources of ignition.

**Incompatible materials:** Oxidizing agents.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke & other toxic fumes.

**Hazardous reactions:** No known hazardous reactions.



**Dye Manufacturers of Australia Pty Ltd**

ABN 27 102 340 929

14 Tait Street, Kelvin Grove QLD 4059

Ph: (07) 3856 0031 Fax: (07) 3856 0035

E-mail: [sales@tintex.com.au](mailto:sales@tintex.com.au)

Web: [www.tintex.com.au](http://www.tintex.com.au)

## **SAFETY DATA SHEET TINTEX DYE FIXING LIQUID**

### **11. TOXICOLOGICAL INFORMATION**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

#### **Acute Effects**

**Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.

**Skin contact:** Contact with skin may result in irritation.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Eye contact:** May be an eye irritant.

#### **Acute toxicity**

**Inhalation:** This material has been classified as non-hazardous.

**Skin contact:** This material has been classified as non-hazardous.

**Ingestion:** This material has been classified as non-hazardous.

**Corrosion/Irritancy:** Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

**Sensitization:** Inhalation: this material has been classified as not a respiratory sensitizer. Skin: this material has been classified as not a skin sensitizer.

**Aspiration hazard:** This material has been classified as non-hazardous.

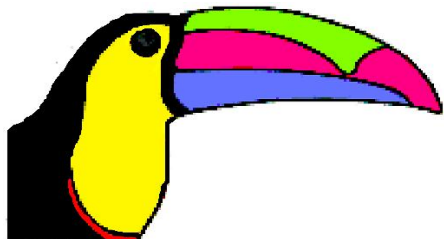
Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

### **12. ECOLOGICAL INFORMATION**

Avoid contaminating waterways.

**Acute aquatic hazard:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

**Long-term aquatic hazard:** This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable.



**Dye Manufacturers of Australia Pty Ltd**

ABN 27 102 340 929

14 Tait Street, Kelvin Grove QLD 4059

Ph: (07) 3856 0031 Fax: (07) 3856 0035

E-mail: [sales@tintex.com.au](mailto:sales@tintex.com.au)

Web: [www.tintex.com.au](http://www.tintex.com.au)

**SAFETY DATA SHEET  
TINTEX DYE FIXING LIQUID**

**13. DISPOSAL CONSIDERATIONS**

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

**14. TRANSPORT INFORMATION**

**ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

**MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**15. REGULATORY INFORMATION**

**This material/constituent(s) is covered by the following requirements:**

All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION**

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorized use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.