

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

Web: www.tintex.com.au

SAFETY DATA SHEET TINTEX SETTING AGENT (SODA ASH)

1. IDENTIFICATION

Product Identification:

Tintex Setting Agent (Soda Ash)

Product Use:

An additive to Low Temperature Dye to provide the environment for reactive dye to obtain cohesion to the fabric.

Company Identification:

Dye Manufacturers of Australia Pty Ltd

2. HAZARDS IDENTIFICATION

Signal Word – Warning (Acute Health Hazard)



Hazard Statement – May cause eye irritation.

No Hazards not otherwise classified were identified.

Hazard Statements

H319 Causes serious eye irritation.

Precautionary Statements

Prevention P264 Wash skin thoroughly after handling.

P280 Wear eye protection/face protection.

Response P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification

NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Environmental Protection Authority (New Zealand)

Hazardous Substances and New Organisms Amendment Act 2015

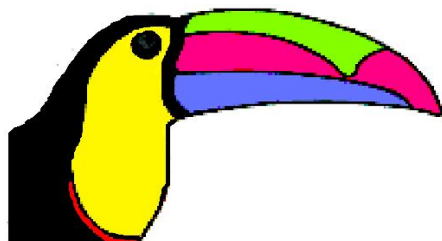
HSNO Classifications Health Hazards

6.1D Substances that are acutely toxic - Harmful

6.1E Substances that are acutely toxic –May be harmful, Aspiration hazard

6.3A Substances that are irritating to the skin

6.4A Substances that are irritating to the eye



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

Web: www.tintex.com.au

**SAFETY DATA SHEET
TINTEX SETTING AGENT (SODA ASH)**

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients

Chemical name – Soda Ash

4. FIRST AID MEASURES

Eyes: Flush eyes with plenty of water. If eye irritation persists get medical attention.
Skin: Wash the contaminated parts with plenty of soap and water.
Ingestion: If swallowed rinse mouth and drink plenty of water. Get medical attention.
Inhalation: Move to fresh air. If respiratory symptoms persist get medical attention.

5. FIRE-FIGHTING MEASURES

Flammable Limits: Normally stable, non-combustible and non-flammable.
Extinguishing Media: Water, water mist, carbon dioxide, foam.
Special protective Equipment: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: In case of insufficient ventilation wear suitable respiratory equipment.
Spills / Leaks: Clean up spills immediately, observing precautions in the protective equipment section.

7. HANDLING AND STORAGE

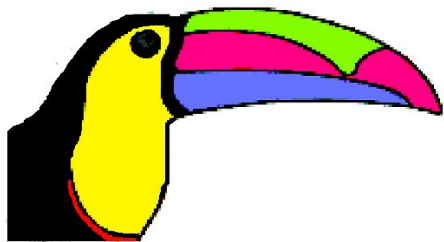
Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before re use. Avoid contact with eyes, skin & clothing. Avoid ingestion and inhalation.
Storage: Store in cool dry place. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes: Wear chemical goggles.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Body Protection: Wear appropriate protective suit to prevent exposure of body.
Hygiene Practices: When using, do not eat, drink or smoke. Shower or bath at the end of working.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder
Odour: Odourless
Bulk Density: 0.5 approx
Flash Point: No data available
Flammable Limits: Non flammable.



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

Web: www.tintex.com.au

**SAFETY DATA SHEET
TINTEX SETTING AGENT (SODA ASH)**

10. STABILITY AND REACTIVITY

- Chemical Stability: Stable under normal temperatures and pressures.
- Conditions to Avoid: Avoid dust formation. Avoid extreme heat. Protect from moisture/humidity.
- Possibility of Hazardous Reactions: Reacts on exposure to water (moisture) with (some) metals. Violent exothermic reaction with (some) metals. Reacts with (strong) oxidizers.
- Hazardous Decomposition Products: Fire/thermal decomposition may produce irritating, toxic and/or corrosive fumes, including Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

General Information

- Acute toxicity: Low acute toxicity following oral, dermal and inhalation exposure. In case of ingestion, may cause severe irritation, nausea, abdominal pain, vomiting, diarrhea.
- Skin corrosion/irritation: Prolonged contact may cause skin irritation.
- Eye damage/irritation: Causes serious eye irritation; may cause redness, lachrymation, swelling.
- Respiratory/skin sensitization: Not a skin sensitizer.
- Germ cell mutagenicity: Not considered to be genotoxic.
- Carcinogenicity: Not considered carcinogenic.
- Reproductive toxicity: Does not show specific reproductive or developmental toxicity.
- STOT (single exposure): In case of inhalation at high concentrations, may cause cough, nose, throat and lung irritation.
- STOT (repeated exposure): Carbonate ions are neutralized under physiological conditions to form bicarbonate ions and/or carbon dioxide, which are major products of all human metabolic activities; therefore, systemic toxicity is not expected. Risk of sore throat, nose bleeds in case of repeated or prolonged inhalation exposure.
- Aspiration toxicity: No information available.

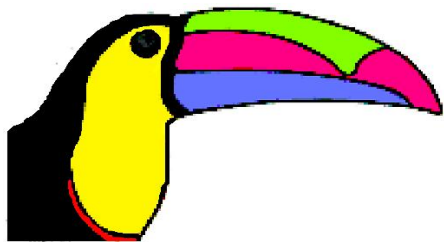
12. ECOLOGICAL INFORMATION

Aquatic toxicity:

- LC50, Freshwater fish (*Lepomis macrochirus*): 300 mg/L (96 h).
- EC50, Freshwater invertebrates (*Ceriodaphnia cf. dubia*): 200 mg/L (48 h) [semi-static].

Persistence/Degradability

Sodium carbonate is an inorganic substance. In the presence of water, it will fully dissociate to sodium and carbonate ions which will disperse in the various media.



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

Web: www.tintex.com.au

**SAFETY DATA SHEET
TINTEX SETTING AGENT (SODA ASH)**

12. ECOLOGICAL INFORMATION (Cont..)

Mobility

Solid sodium carbonate has a negligible vapor pressure and for this reason it will not be distributed to the atmosphere. If sodium carbonate is emitted to water it will remain in the water phase. If the pH is decreased then carbonic acid (H₂CO₃ or CO₂) can be formed. If the concentration of carbon dioxide in water is above the water solubility limit, the carbon dioxide will distribute to the atmosphere. If sodium carbonate is emitted to soil it can escape to the atmosphere as CO₂, precipitate as a metal carbonate, form complexes or stay in solution.

Environmental Fate

Prevent entry into drains and waterways.

13. DISPOSAL CONSIDERATIONS

Disposal should be via an authorized waste disposal contractor to an approved waste disposal site and in accordance with all local and national regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

IATA: Not regulated as a hazardous material.

IMO: Not regulated as a hazardous material.

15. REGULATORY INFORMATION

The product is not classified as dangerous substance and hence labelling according to EC directives is not necessary.

16. OTHER INFORMATION

The information in the Safety Data Sheet is given in good faith. The information herein is accurate to the best of our knowledge and represents the most up to date information available to us. Products should be handled and used in accordance with the advice given. The information in the Safety Data Sheet does not constitute an assessment of work place risks.