

Infosafe No™ 1CH2P	Issue Date : August 2022	RE-ISSUED by ABS
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 Product Name **EOSIN YELLOWISH Disodium salt**

Classified as hazardous

Section 1 - Identification

Product Identifier	EOSIN YELLOWISH Disodium salt
Company Name	AUSTRALIAN BIOSTAIN Pty Ltd
Address	24 - 28 Stratton Drive, Traralgon, Victoria, Australia, 3844 www.australianbiostain.com.au
Telephone/Fax Number	Tel: (03) 5176 2855
Emergency Phone Number	CHEMCALL (24 hours): 1800 127 406 (Australia) / +64-4-917-9888 (International)
E-mail Address	www.australianbiostain.com.au

Recommended use of the chemical and restrictions on use Dyeing silk, cotton and wool; red writing ink; pencil lead; pigments; varnish; paper; cosmetic products; biological stain; medicine; drugs; colouring motor fuel and laboratory reagent.

Other Names	<u>Name</u>	<u>Product Code</u>
	Eosin Y Certified Dye	ADEY

Other Information Australian Biostain Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Australian Biostain Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Australian Biostain Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Damage/Irritation: Category 2A
Signal Word	WARNING
Hazard Statement (s)	H319 Causes serious eye irritation.
Pictogram (s)	Exclamation mark



Precautionary Statement – Prevention	P264 Wash thoroughly after handling. P280 Wear protective eye protection/face protection.
Precautionary Statement – 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.
Precautionary Statement – Disposal	P501 Dispose of contents/container according to local, state and federal regulations.

Section 3 - Composition and Information on Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Eosin Y Disodium Salt	17372-87-1	100 %

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Section 4 - First Aid Measures

Inhalation	Remove from exposure, rest and keep warm. If breathing has stopped, apply artificial respiration. If breathing is difficult, give oxygen. If breathing becomes difficult, seek medical attention.
Ingestion	Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.
Skin	Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. Seek medical attention in severe cases.
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If rapid recovery does not occur, obtain medical attention
First Aid Facilities	Maintain eyewash fountain and drench facilities in work area.
Advice to Doctor	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
Other Information	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

Section 5 - Firefighting Measures

Hazards from Combustion Products	Irritating and highly toxic gases, hydrogen bromide gas (HBr), bromine compounds, fumes of sodium oxides, carbon monoxide and carbon dioxide.
Specific Methods	Small fire: Use dry chemical, CO2, water spray or foam. Large fire: Use water spray, fog or foam. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.
Specific Hazards Arising from the Chemical	May burn but do not ignite readily. Runoff may pollute waterways. Fire may produce irritating, poisonous and/or corrosive fumes. Containers may explode when heated.
Precautions in connection with Fire	Wear SCBA and structural firefighter's uniform.

Section 6 - Accidental Release Measures

Personal Precautions	Avoid raising a dust cloud. Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)
Clean-up Methods - Small Spillages	Sweep up (avoid generating dust) and using clean non-sparking tools transfer to a clean, suitable, clearly labelled container for disposal in accordance with local regulations.

Section 7 - Handling and Storage

Precautions for Safe Handling	Avoid ingestion and inhalation of vapours, or dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Minimize dust generation and accumulation. Keep container locked up and tightly closed. Ensure good ventilation at the workplace. Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Wear suitable protective clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Protect against physical damage. Keep away from incompatibles such as oxidizing agents.
Conditions for safe storage, including any incompatibilities	Store in a well-ventilated place. Keep container tightly closed. Store in a cool place.

Section 8 - Exposure Controls and Personal Protection

Other Exposure Information	A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Safe Work Australia for this product. There is a
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Engineering Controls	blanket limit of 10 mg/m ³ for dusts when limits have not otherwise been established.
Respiratory Protection	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.
Eye and Face Protection	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
Hand Protection	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
Personal Protective Equipment	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
Body Protection	Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
Hygiene Measures	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Section 9 - Physical and Chemical Properties

Form	Solid
Appearance	Red to brown crystals or powder.
Odour	Odourless.
Melting Point	>300 °C; >310 °C.
Solubility in Water	Soluble in water (300 g/l at 20 °C).
Solubility in Organic Solvents	Soluble in alcohol and acetic acid.
Specific Gravity	1.018.
pH	~9.2 (1% water).
Vapour Pressure	Negligible.
Evaporation Rate	Negligible.
Flammability	Combustible.
Explosion Properties	Not considered to be an explosion hazard.
Molecular Weight	691.86.
Other Information	Absorption max.: 517 nm. Bulk density: 0.710; 300 - 400 kg/m ³ .

Section 10 - Stability and Reactivity

Chemical Stability	Stable under ordinary temperatures, pressures and conditions of use and storage.
Possibility of Hazardous Reactions	Reactive with oxidizing agents, reducing agents.
Conditions to Avoid	Excess heat, high temperatures, and incompatible materials.
Incompatible Materials	Oxidizing agents.

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Hazardous Decomposition Products Irritating and highly toxic gases, hydrogen bromide gas (HBr), bromine compounds, fumes of sodium oxides, carbon monoxide and carbon dioxide.

Hazardous Polymerization Will not occur.

Section 11 - Toxicological Information

Ingestion May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. The toxicological properties of this substance have not been fully investigated.

Inhalation Inhalation of dust may cause irritation to the respiratory tract.

Skin May cause skin irritation.

Eye Causes eye irritation. This product contains an anionic dye. Similar dyes have not caused injury to the cornea or conjunctiva in documented exposure cases with human or rabbit eyes.

Carcinogenicity Eosin [15086-94-9] is evaluated in the IARC Monographs (Vol. 15, Suppl. 7; 1987) as Group 3: Not classifiable as to carcinogenicity to humans. IARC Monograph Vol. 15, Suppl. 7; 1987 includes reference to Eosin Disodium Salt, CAS No.: 17372-87-1: Summary of Data Reported and Evaluation: Animal data: Eosin disodium salt has been administered to rats by subcutaneous injection; the data is insufficient for an evaluation of carcinogenicity of this compound to be made.

Section 12 - Ecological Information

Ecological Information No ecological problems are to be expected when the product is handled and used with due care and attention.

Section 13 - Disposal Considerations

Disposal Considerations Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.

Section 14 - Transport Information

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Section 15 - Regulatory Information

Poisons Schedule Not Scheduled

Section 16 - Any Other Relevant Information

Literature References 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.
 National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'
 Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'.
 Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand.
 Safe Work Australia, 'Hazardous Chemical Information System'.
 Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'.
 Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.

Empirical Formula & Structural Formula C20-H6-Br4-O5.2Na

...End Of MSDS...

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Material Safety Data Sheet

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