

MSDS 0314 Date of Issue/re-issue: **13.01.2015**

User declaration:- I have read and understood this Safety Data Sheet

Name:- _____ Signature _____ Date _____

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company Name



Address: 39 Woodside Ave, Northcote, Auckland , New Zealand

Emergency Tel: NZ 0800154666 | Tel +64 9 480 4386 | FAX +64 9 480 4385

Product	Haematoxylin Stain Gill's No 1		Code	0314
CAS#	HSNO#	UN #	DG Class/es	Packing group #
64-19-7 517-28-2 107-21-1 16828-11-8 7732-18-5	n/a	n/a	n/a	n/a

Recommended use: Laboratory Investigations

2. Hazards Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Harmful if swallowed.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram none

Signal word none

Hazard statement(s) none

Precautionary statement(s) none

Supplemental Hazard

Statements

none

Safety data sheet available on request.

Contains .?. May produce an allergic reaction.

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)

R-phrases)

R22 Harmful if swallowed.

S-phrases) none

Sensitising components:

Sodium iodate

May produce an allergic reaction.

2.3 Other hazards - none

Hazard Classification

New Zealand:

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

HSNO Classification:

6.3A - Substance that is irritating to the skin

6.4A - Substance that is irritating to the eyes

6.9B - Substance that is harmful to human target organs or systems

Hazard statement codes:

H315 Causes skin irritation.

H320 Causes eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statement codes - Prevention:

P104 Read Safety Data Sheet before use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement codes - Response:

P314 Get medical advice/attention if you feel unwell.

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.

P362 Take off contaminated clothing and wash before re-use.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

Precautionary statement codes - Disposal:

P501 *In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

Australia:

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Acetic acid	64-19-7	<2 %
	Haematoxylin C.I. 75290	517-28-2	<0.5 %
	Ethylene glycol	107-21-1	<10 %
	Aluminium sulphate	16828-11-8	<2 %
	water	7732-18-5	To 75 %

4. FIRST AID MEASURES

Inhalation	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
Eye	If contact with the eyes occurs, wash with copious amounts of water while holding eyelids open. Take care not to rinse contaminated water into the non-affected eye. Seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Extinguish fire with foam, dry chemical powder, carbon dioxide, water spray or water fog.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases, including iodine compounds.
Specific Hazards	This product is not flammable, but will burn under fire conditions after the evaporation of water.
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Wear appropriate protective equipment and clothing to minimise skin and eye exposure. Place inert, non-combustible absorbent such as vermiculite, sand or soil onto spilled material. Collect the material and place into suitable labelled containers for subsequent disposal. If the spilled material enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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7. HANDLING AND STORAGE

Precautions for Safe	Use in a ventilated area. Wear appropriate protective equipment to prevent inhalation, skin
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Handling	and eye contact. Keep containers closed when not in use.
Conditions for Safe Storage	Store in a well ventilated area. Store away from acids, alkalis, oxidising agents and foodstuffs. Store in a cool place and out of direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, the available exposure limits for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards:

Substance TWA STEL NOTICES

ppm mg/m³ ppm mg/m³

Ethylene glycol 20 52 40 104 -

Acetic acid 10 25 15 37 -

Aluminium Sulphate - 2 - - -

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance TWA STEL NOTICES

ppm mg/m³ ppm mg/m³

Acetic acid 10 25 15 37 -

Aluminium Sulphate - 2 - - -

Ethylene glycol 50 ppm, 127 mg/m³ (Ceiling)

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Ceiling: A concentration that should not be exceeded during any part of the working day.

Biological Limit Values No Biological limit available.

Engineering Controls Use with good general ventilation. Ensure adequate ventilation in confined areas. The use of a local exhaust ventilation system (drawing vapours/mists away from workers' breathing zone) is preferred.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter may be necessary. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/ANZ 1337 - Eye Protectors for Industrial Applications.

Hand Protection Where skin contact is likely to be prolonged or repeated, impervious PVC or rubber gloves are recommended.

Hygiene Measures Maintain good personal hygiene practice. Always wash hands before eating, drinking,

smoking or using the toilet facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Purple liquid.
Odour	Not available
Melting Point	0°C
Boiling Point	100°C
Solubility in Water	Soluble
Specific Gravity	1.01
pH Value	Not available
Vapour Pressure	23 hPa at 20°C
Evaporation Rate	<1 (butyl acetate=1)
Viscosity	Not available
Flash Point	Not applicable
Flammability	Not flammable, however, following evaporation of the aqueous component, residue may burn if ignited.
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Incompatible Materials	Strong acids, alkalis and oxidising agents.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Not available
Inhalation	Where this material is used in confined spaces, poorly ventilated areas or at elevated temperatures vapour or mist may cause irritation to mucous membranes and respiratory tract.
Ingestion	May cause irritation to the gastric tract resulting in stomach pain, nausea and vomiting.
Skin	Repeated or prolonged contact may cause skin irritation and possible dermatitis with sensitive individuals.
Eye	May cause irritation in contact with eyes, resulting in redness and stinging.
Chronic Effects	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence / Degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Other Precautions	Sodium iodate in solid form may cause fire in contact with combustible materials. However, it should present no risk when in solution.
Environment Protection	Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Disposal of the spilled or waste product must be done in accordance with applicable local and national regulations.
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14. TRANSPORT INFORMATION

Transport Information	Australia: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. New Zealand:
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Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.

15. REGULATORY INFORMATION

Regulatory Information	Australia: Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule	Not Scheduled
National and or International Regulatory Information	Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Laboratory Chemicals and Reagent Kits Group Standard 2006 HSNO Approval Number: HSR002596.

16. Disclaimer

The information above is believed to be accurate and represents the best information currently available to us. However, the information is not a guarantee expressed or implied, with respect to such information, and we assume no liability resulting from its use. Anyone using the chemical described here should ensure that he or she has the appropriate training and has the expertise and any equipment required for safe handling. If clarification or further information is required, please contact ECP Ltd or refer to the official handler of dangerous goods within your own company. The user should also make their own investigations to determine the suitability of the product for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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