1. Identification

GHS Product Identifier
Company Name: CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)
Address: 38 - 50 Bedford Street GILLMAN SA 5013 Australia
Telephone/Fax Number: Tel: (08) 8440-2000
Fax: (08) 8440-2001

Recommended use of the chemical and restrictions on use
Dyeing silk and wool yellow, tracing subterranean waters, marking water for air-sea rescues, clinical test solution and laboratory reagent.

Other Names
Name | Product Code
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FLUORESCIN Sodium Salt TG | FT030
FLUORESCIN Sodium Salt LR | FL030
Uranine yellow, Resorcinolphthalein sodium, C.I. 45 350, Uranin, Acid Yellow 73

Other Information
EMERGENCY CONTACT NUMBER: +61 08 8440 2000
Business hours: 8:30am to 5:00pm, Monday to Friday.

Chem-Supply 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 Chem-Supply 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 Chem-Supply 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.

2. Hazard Identification

GHS classification of the substance/mixture
Acute Toxicity - Dermal: Category 4
Acute Toxicity - Inhalation: Category 4

Signal Word(s) WARNING

Hazard Statement(s)
H312 Harmful in contact with skin.
H332 Harmful if inhaled.

Pictogram(s) Exclamation mark

Precautionary statement – Prevention
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response
Skin
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Inhaled
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal
Dispose of contents/container to an approved waste disposal plant.

3. Composition/information on ingredients
Safety Data Sheet

Product Name: FLUORESCIN Sodium Salt

4. First-aid measures

Inhalation: Remove to fresh air. Seek medical advice if effects persist.

Ingestion: Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Do not induce vomiting. Seek medical advice if effects persist.

Skin: Wash with plenty of soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Eye contact: Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.

First Aid Facilities: Maintain eyewash fountain and safety shower in work area.

Advice to Doctor: Treat symptomatically based on judgement of doctor and individual reactions of the patient.

For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Specific Methods: No limitations to the type of extinguishing media. May burn but do not ignite readily. 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.

Precautions in connection with Fire: Wear SCBA and structural firefighter's uniform.

6. Accidental release measures

Personal Precautions: 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.

7. Handling and storage

Precautions for Safe Handling: Wash hands and face thoroughly after working with material. Use with adequate ventilation. Avoid generation or accumulation of dusts. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation of material.

Conditions for safe storage, including any incompatibilities: Store away from oxidizing agents. Keep in a cool, dry, well-ventilated place. Keep containers securely sealed and protected against physical damage. Isolate from incompatible substances.

8. Exposure controls/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 blanket limit of 10 mg/m³ for dusts when limits have not otherwise been established.

Appropriate engineering controls: 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.

Respiratory Protection: 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 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.

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Hand Protection
- Rubber or plastic gloves. Double gloves when handling large quantities.

Personal Protective Equipment
- Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.

Footwear
- Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.

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. When handling large quantities, disposable one-piece coated overall with integral hood.

Hygiene Measures
- Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. Physical and chemical properties
- Form: Solid
- Appearance: Orange-red powder.
- Odour: Odourless.
- Melting Point: > 300 °C
- Solubility in Water: Freely soluble.
- pH: pH ~8 (1% solution)
- Volatile Component: <2%
- Partition Coefficient: Log P(o/w): -0.67
- n-octanol/water Flammability: Combustible.
- Molecular Weight: 376.27

10. Stability and reactivity
- Chemical Stability: Stable under normal temperatures and pressures.
- Conditions to Avoid: Moisture.
- Incompatible Materials: Strong acids, oxidising agents.
- Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, sodium oxide.
- Hazardous Polymerization: Will not occur.

11. Toxicological Information
- Toxicology Information: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. If mishandled or overexposed to this product the following symptom or effects may occur.
- Ingestion: Ingestion causes nausea, vomiting and diarrhoea. May cause irritation to the gastrointestinal tract.
- Inhalation: May cause irritation to the respiratory tract. Symptoms may include coughing, sore throat, laboured breathing and chest pain.
- Skin: May cause irritation with redness and pain. May be absorbed through the skin with possible systemic effects.
- Eye: May cause irritation, redness and pain.
- Carcinogenicity: Not listed in the IARC Monographs.
- Mutagenicity: No evidence of mutagenic properties.

12. Ecological information
- Ecological Information: Ecologically safe.
- Persistence and degradability: Degrades naturally in sunlight, taking 5-7 days.
Bioaccumulative Potential: No bioaccumulation is to be expected (log P(o/w) <1.0).
Distribution: log P (o/w): -0.67

Acute Toxicity - Fish: LC50 (Onchorhynchus mykiss): 1372 mg/l/96h
Acute Toxicity - Daphnia: EC50 (Daphnia magna): 337 mg/l/48h

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

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

15. Regulatory information
Listed in the Australian Inventory of Chemical Substances (AICS).
Poisons Schedule: Not Scheduled

16. Other Information
'Standard for the Uniform Scheduling of Medicines and Poisons No. 6', Commonwealth of Australia, February 2015.
Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.
Safe Work Australia, 'Hazardous Substances Information System, 2005'.
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.

Contact Person/Point: Paul McCarthy Ph. (08) 8440 2000

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