



chem-supply

Safety Data Sheet

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Infosafe No™	1CH0F	Issue Date : September 2018	RE-ISSUED by CHEMSUPP
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Product Name : **2,6-DICHLOROPHENOL-INDOPHENOL SODIUM SALT**

Not classified as hazardous

1. Identification

GHS Product Identifier 2,6-DICHLOROPHENOL-INDOPHENOL SODIUM SALT

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

(24 hour a day available) CHEMCALL: 1800 127 406 (Australia) / +64-4-917-9888 (International)

Recommended use of the chemical and restrictions on use Indicator, colourmetric reagent and determination of ascorbic acid (vitamin C).

Other Names

Name	Product Code
2,6-DICHLOROPHENOL-INDOPHENOL SODIUM SALT	DL027
Tillman's reagent	
Sodium 2,6-dichloroindophenol	
2,6-Dichlorophenol-indophenol sodium salt dihydrate	
2,6 Dichloroindophenol Sodium Salt AR (DCPIP)	DA027

Other Information

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 Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

3. Composition/information on ingredients

Chemical Characterization Solid

Ingredients

Name	CAS	Proportion	Hazard Symbol	Risk Phrase
2,6-Dichlorophenolindophenol sodium salt	620-45-1	100 %		

4. First-aid measures

Inhalation If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Immediately obtain medical aid if cough or other symptoms appear.

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 with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.

Eye contact Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.

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

Other Information For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures



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Hazards from Combustion Products	Emits irritating and toxic fumes under fire conditions.
Specific Methods	Use measures suitable for extinguishing surrounding fire. Suitable extinguishing media: water spray, carbon dioxide, dry chemical powder or appropriate foam.

6. Accidental release measures

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.
Environmental Precautions	Prevent contamination of soil and water.

7. Handling and storage

Precautions for Safe Handling	Handle with caution. Avoid inhalation and ingestion. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Avoid generation of dusty conditions.
Conditions for safe storage, including any incompatibilities	Store in cool place and out of direct sunlight. Keep container tightly closed and dry

8. Exposure controls/personal protection

Other Exposure Information	No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts/mists not otherwise specified is 10 mg/m ³ . All atmospheric contamination should be kept to as low a level as is workable. A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by NOHSC Australia for this product. There is a blanket limit of 10 mg/m ³ for dusts or mists when limits have not otherwise been established.
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.
Hand Protection	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
Personal Protective Equipment	Personal protective equipment should not solely be relied upon to control risk and should only be used when all other reasonably practicable control measures do not eliminate or sufficiently minimise risk. Guidance in selecting personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.
Body Protection	Wear suitable protective clothing to prevent skin contact.
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	Dark green powder.
Odour	Odourless.
Solubility in Water	Slightly soluble.
Solubility in Organic Solvents	Freely soluble in alcohol.
Flammability	Combustible.
Molecular Weight	326.11
Other Information	The aqueous solution is deep blue, changed to red by acids.



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10. Stability and reactivity

Chemical Stability	Stable. Hygroscopic.
Conditions to Avoid	Moisture. Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon and nitrogen oxides, chlorine, and sodium oxide.
Possibility of hazardous reactions	Liberates iodine from potassium iodide in acid solutions.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Ingestion	Irritating to digestive tract causing gastrointestinal irritation along with nausea, vomiting and diarrhea. May be harmful if extremely large oral doses are swallowed.
Inhalation	May be harmful if inhaled. May cause irritation to the mucous membranes and respiratory tract.
Skin	May cause irritation. Harmful if absorbed through the skin.
Eye	May cause irritation and inflammation with symptoms of redness, watering and itching. High concentrations of dust may cause mechanical irritation.
Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic properties.

12. Ecological information

Ecotoxicity	No ecological data available for this product.
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13. Disposal considerations

Disposal Considerations	Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and disposed of according to relevant local, state and federal government regulations.
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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.
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15. Regulatory information

Regulatory Information	Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Poisons Schedule	Not Scheduled

16. Other Information

Literature References	'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia. Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997. National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007. Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010. 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)'. Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995) 3rd Edition]'.
Contact Person/Point	Paul McCarthy Ph. (08) 8440 2000 DISCLAIMER STATEMENT: All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are



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Empirical Formula & C12 H6 Cl2 NO2 Na.2H2O

Structural Formula

...End Of MSDS...

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