



Infosafe No™	3CH9U	Issue Date : May 2018	RE-ISSUED by CHEMSUPP
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Product Name : **4 NITROPHENYL PHOSPHATE disodium salt hexahydrate**

Not classified as hazardous

**1. Identification****GHS Product Identifier** 4 NITROPHENYL PHOSPHATE disodium salt hexahydrate**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** Laboratory reagent.**Other Names****Name****Product Code**

4 NITROPHENYL PHOSPHATE disodium salt hexahydrate LR

NL077

**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** 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**4-Nitrophenyl phosphate  
disodium salt hexahydrate

4264-83-9

100 %

**4. First-aid measures****Inhalation** Remove from exposure, rest and keep warm. Seek medical attention in severe cases, if symptoms develop, or if breathing is difficult.**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** Immediately remove contaminated clothing and wash affected area with water for at least 15 minutes. Ensure contaminated clothing is washed before re-use. Seek medical advice /attention depending on the severity.**Eye contact** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical advice if effects persist.**First Aid Facilities** Maintain eyewash fountain and normal washroom 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.**5. Fire-fighting measures****Hazards from Combustion Products** Fine dust dispersed in air may ignite.



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**Specific Methods** Use extinguishing media most appropriate for the surrounding fire.**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** Avoid contact with eyes, skin, or clothing. Do not breathe dust. Do not ingest.**Conditions for safe storage, including any incompatibilities**

Store in tightly closed containers, in a cool, dry, well-ventilated area away from incompatible substances. Keep refrigerated.

**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/m<sup>3</sup> for dusts or mists 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. These methods should be used in preference to personal protective equipment.**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** The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.**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.**9. Physical and chemical properties****Form** Solid**Appearance** Off-white powder.**Odour** Odourless.**Melting Point** >300°C**Molecular Weight** 371.13**10. Stability and reactivity****Chemical Stability** Stable under normal conditions of use and storage. Light sensitive.**Conditions to Avoid** Incompatible materials.**Incompatible Materials** Strong oxidising agents, strong acids, strong bases.



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<b>Hazardous Decomposition Products</b>	Nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO2), oxides of phosphorus. Burning produces obnoxious and toxic fumes.
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<b>Hazardous Polymerization</b>	Will not occur.
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**11. Toxicological Information**

<b>Toxicology Information</b>	Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. Quantitative data on the toxicity of this product are not available.
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<b>Carcinogenicity</b>	No acute toxicity information is available for this product.
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	No known carcinogenic chemicals in this product.
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**12. Ecological information**

<b>Ecological Information</b>	No information available.
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<b>Environmental Protection</b>	Do not allow to enter waters, waste water, or soil!
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**13. Disposal considerations**

<b>Disposal Considerations</b>	Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.
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**14. Transport information**

<b>Transport Information</b>	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**

<b>Regulatory Information</b>	Listed in the Australian Inventory of Chemical Substances (AICS). Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
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<b>Poisons Schedule</b>	Not Scheduled
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**16. Other Information**

<b>Literature References</b>	'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]'. Paul McCarthy Ph. (08) 8440 2000 <b>DISCLAIMER STATEMENT:</b>
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<b>Contact Person/Point</b>	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 subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Chem-Supply accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.
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<b>Empirical Formula &amp; Structural Formula</b>	C6H4NNa2O6P.6H2O
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...End Of MSDS...



chem-supply

# Safety Data Sheet

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CS: 1.7.2

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