

SAFETY DATA SHEET

Campbells Diamond High N



Date of Issue: May 2016

1. IDENTIFICATION

Product Identifier: Campbells Diamond High N

Other Means of Identification: None

Recommended Use of the Chemical and Restrictions on Use: Fertiliser

Details of Manufacturer or Importer: Campbells Fertilisers Australasia
18 Raymond Road, Laverton North, Victoria, 3026
Phone: (03) 9931 2211
Fax: (03) 9931 2201
www.campbellsfert.com.au

Emergency Telephone Number: (03) 9931 2211 (business hours only 8.30 am to 5.00 pm)
0418 350 726 (after business hours)

2. HAZARD(S) IDENTIFICATION

GHS Classification: Not classified as hazardous according to the GHS.

ADG Classification: Based on available information, not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition

SUSMP Classification: Not scheduled

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Component:	CAS Number:	Proportion (%w/w):
Urea	57-13-6	100
Mono Ammonium Phosphate (MAP)	7722-76-1	
Potassium Nitrate	7757-79-1	
EDTA Iron Chelate	14708-41-5	
EDTA Zinc Chelate	14025-21-9	
EDTA Manganese Chelate	15375-84-5	
EDTA Copper Chelate	14025-15-1	
Sodium Molybdate	7631-95-0	
Dissolvabor (Boron)	12008-41-2	

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4. FIRST AID MEASURES

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this SDS with you when you call.

Description of Necessary First Aid Measures:

- Inhalation:** If symptoms are experienced, remove casualty to fresh air. Seek medical attention if symptoms persist.
- Skin Contact:** Remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if irritation develops. Launder clothing before reuse.
- Eye Contact:** Hold eye open and flush gently with copious amounts of water for 15 minutes. Seek medical attention if irritation develops.
- Ingestion:** If swallowed, immediately rinse mouth out with water. Give water. Contact Poisons Information Centre or doctor. Do not induce vomiting.
- First Aid Facilities:** Ensure washing facilities, including an eyewash, are available and maintained.

Symptoms caused by Exposure:

- Inhalation:** If product in high concentrations of airborne dust, prolonged contact may cause irritation to the nose and throat.
- Skin Contact:** May cause irritation. Some individuals with sensitive skin may experience adverse skin reactions and would be advised to discontinue use.
- Eye Contact:** Exposure may result in irritation, pain and redness.
- Ingestion:** May cause digestive tract irritation, with accompanying nausea, vomiting and diarrhoea if consumed in large quantities.

Medical Attention and Special Treatment:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Equipment:** Media to suit materials involved in fire.
- Specific Hazards arising from the Chemical:** Non- flammable. No fire or explosion hazards exist. May evolve oxides of sulphur and manganese when heated to decomposition
- Special Protective Equipment and Precautions for Fire Fighters:** If a significant quantity of this product is involved in a fire, call the fire brigade.

6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions, Protective Equipment and Emergency Procedures:	Minor spills do not normally need any special cleanup measures. As a minimum, wear overalls, goggles and gloves. Stop leak if safe to do so, and contain spill.
Environmental Precautions:	In the event of a major spill, prevent spillage and wash water from entering drains or water courses. If a significant quantity of material enters drains, advise emergency services.
Methods and Materials for Containment and Cleaning Up:	Sweep up and shovel or collect recovered product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area preventing runoff from entering drains. This material may be suitable for approved landfill.

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
Conditions for Safe Storage, including any Incompatibilities:	Store in cool, dry, well ventilated area removed from combustible materials, herbicides, fungicides and foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use. Keep from extreme heat and open flames and make sure that the product does not come into contact with substances listed under "Incompatible Materials" in Section 10.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:	Exposure limits have not been set by SWA for any ingredients in product. The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. There is a blanket limit of 10mg/m ³ for dusts or mists when limits have not otherwise been established. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly. ADI means Acceptable Daily Intake and NOEL means No-observable-effect-level. Values taken from Australian ADI List, 31st March 2012
Biological Monitoring:	No data available.
Control Banding:	No data available.
Engineering	Avoid high dust concentration and provide local exhaust ventilation where

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Controls:	necessary.
Individual Protection Measures e.g. Personal Protective Equipment (PPE):	<p>The following Australian Standards will provide general advice regarding safety clothing and equipment:</p> <p>Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.</p> <p>Provision of eye wash facilities and safety shower recommended.</p> <p>Wash hands before eating, drinking, smoking or going to toilet, launder protective clothing before re-use.</p> <p>No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.</p> <p><i>Eye and Face Protection:</i></p> <p>Eye protection such as protective glasses or goggles is recommended when using this product.</p> <p><i>Skin Protection:</i></p> <p>Wear gloves or gauntlets and long sleeves when using this product to protect against skin irritation.</p> <p><i>Respiratory Protection:</i></p> <p>Use P2 type canister respirator where high concentrations of airborne dust is present.</p> <p><i>Thermal Hazards:</i></p> <p>None specified.</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Multicoloured granular solid
Odour:	Slight odour
Vapour Pressure (mm Hg):	Negligible at normal ambient temperatures
Density:	Not available
Boiling Point:	Not applicable
Freezing/Melting Point:	0°C
Solubility (aqueous solution):	Slightly soluble
Specific Gravity:	Not available
pH:	Not available
Flash Point:	Not available
Flammability (explosive) Limits:	No data available
Auto-Ignition Temperature:	Not applicable – does not burn
Octanol/Water Partition Coefficient:	Not available
Volatiles:	No specific data. Expected to be low at 100°C
Volatility:	Negligible at normal ambient temperatures

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10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage and handling.
Possibility of Hazardous Reactions:	This product is unlikely to undergo polymerisation processes.
Conditions to Avoid:	Heat, flames.
Incompatible Materials:	Generates heat when mixed with acid. May react with ammonium salts resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminium, tin, lead, and zinc. Also, avoid acids.
Hazardous Decomposition Products:	Oxides of sulphur and manganese.

11. TOXICOLOGICAL INFORMATION

Toxicological Information of the Mixture:

Acute Toxicity:	No data available
Skin Corrosion/Irritation:	No data available
Serious Eye Damage/Irritation:	No data available
Respiratory or Skin Sensitisation:	No data available
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No significant ingredient is classified as carcinogenic by SWA, NTP or IARC
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity (STOT) - Single Exposure:	No data available
Specific Target Organ Toxicity (STOT) - Repeated Exposure:	No data available
Aspiration Hazard:	No data available

Likely Routes Of Exposure

Inhalation:	If product in high concentrations of airborne dust, prolonged contact may cause irritation to the nose and throat.
Skin:	May cause irritation. Some individuals with sensitive skin may experience adverse skin reactions and would be advised to discontinue use.

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Eye: Exposure may result in irritation, pain and redness
Ingestion: May cause digestive tract irritation, with accompanying nausea, vomiting and diarrhoea if consumed in large quantities.

Delayed and Immediate Effects from Short and Long Term Exposure:

No data available

Health Hazard Summary: Low toxicity. This product may only present a hazard with eye contact, prolonged and repeated skin contact or with ingestion of large quantities.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Persistence and Degradability: Will persist for weeks in soil, but is a plant nutrient.

Bioaccumulative Potential: Unknown but probably low.

Mobility in Soil: Readily leaches

Additional Ecological Information: Avoid contamination of waterways.

13. DISPOSAL CONSIDERATIONS

Product Disposal: There are many pieces of legislation covering waste disposal and they differ in each state and territory, so each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. The Hierarchy of Controls seems to be common - the user should investigate: Reduce, Reuse, and Recycle and only if all else fails should disposal be considered. Special help is available for the disposal of Agricultural Chemicals. The product label will give general advice regarding disposal of small quantities, and how to cleanse containers. However, for help with the collection of unwanted rural chemicals, contact ChemClear 1800 008 182 <http://www.chemclear.com.au/> Dispose of according to state, federal and local regulations.

Container Disposal: For help with the disposal of empty drums, contact DrumMuster <http://www.drummuster.com.au/> Dispose of according to state, federal and local regulations.

14. TRANSPORT INFORMATION

Classification: Based on available information, not classified as Dangerous Goods for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition.

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UN Number: None allocated
 Proper Shipping Name or Technical Name: None allocated
 Transport Hazard Class: None allocated
 Packing Group: None allocated
 Environmental Hazards for Transport Purposes: None allocated
 Special Precautions for User: None allocated
 HAZCHEM Code: None allocated

15. REGULATORY INFORMATION

SUSMP: Not scheduled
 APVMA: Exempt from registration
 State Departments of Agriculture / Primary Industries: Registration not required
 Australian Inventory of Chemical Substances (AICS): All components listed
 Toxic Substance – NZ Exempt

16. OTHER INFORMATION

Edition: Initial edition
 Revision Due: May 2021
 Reason for Revision: Initial version
 Preparation Information: Prepared by Campbells Fertilisers Australasia
 Data Sources: Supplier SDS
 Trademark Information: Aqua-Fert is a Registered Trademark of Campbells Fertilisers Australasia

Glossary:

ACGIH American Conference of Government Industrial Hygienists
APVMA Australian Pesticides and Veterinary Medicines Authority
CAS Chemical Abstract Services number, used to uniquely identify chemical compounds
IARC International Agency for Research on Cancer

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IUCLID	International Uniform Chemical Information Database
NOHSC	National Occupational Health and Safety Commission
NTP	National Toxicology Program (USA)
PPE	Personal protective equipment
SWA	Safe Work Australia
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of Campbell's Fertilisers, it is the user's responsibility to determine conditions of safe use of the product.

END OF SDS