



DAVID GRAY & CO PTY LIMITED

A.C.N. 008 671 127

2 Rawlinson Street O'Connor PO Box 2084 Palmyra DC
Western Australia 6961

Ph (08) 9337 4933 Fax (08) 9337 8316

Internet: www.davidgray.com.au (MSDS's & Company Information)
Emergency Telephone Number (08) 9337 4933 (During Office Hours)

Date of Issue: July 2024

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MATERIAL SAFETY DATA SHEET

IDENTIFICATION

CLASSIFIED AS NOT HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

PRODUCT NAME:	Urea
OTHER NAME:	Carbamide
MANUFACTURERS CODE:	14956 (2kg) 52132 (25kg)
CORRECT SHIPPING NAME (ADG):	Not Applicable
UN NUMBER:	Not Applicable
DANGEROUS GOODS CLASS:	Not Applicable
SUBSIDIARY-RISK:	Not Applicable
PACKAGING GROUP:	Not Applicable
HAZCHEM CODE:	Not Applicable
POISONS SCHEDULE:	Not Applicable
USE:	Fertilizer

PHYSICAL DESCRIPTION / PROPERTIES

APPEARANCE:	White Prills
MELTING POINT:	135-137°C
BOILING POINT:	Not Applicable
VAPOUR PRESSURE:	Not Applicable
SPECIFIC GRAVITY:	Not Applicable
FLASH POINT:	Not Applicable
FLAMMABILITY LIMITS:	Not Applicable
SOLUBILITY IN WATER:	Soluble in water
CORROSIVENESS:	Not Corrosive
REACTIVITY:	Do not expose to acids, alkalis, dyes

INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION
Ingredients determined not to be hazardous	-	To 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia): Classified as non-hazardous

RISK PHRASES: None Allocated

SAFETY PHRASES: None Allocated

GENERAL:

No adverse health effects are expected when the product is used in accordance with label directions.

ACUTE

SWALLOWED:

The acute oral toxicity is Low.

EYE:

Moderate eye irritant.

SKIN:

The acute dermal toxicity is low

INHALED:

The acute inhalation toxicity low. Excessive exposure to dust may be harmful. Prolonged exposure to the dust may cause eye and respiratory irritation.

CHRONIC:

No adverse health effects are expected when the product is used in accordance with label directions.

FIRST AID

GENERAL:

In every case of suspected poisoning contact a doctor or a Poisons Information Centre immediately.

SWALLOWED:

Seek medical attention immediately.

EYE:

Hold eyelids open and flush eyes with water for at least fifteen minutes. Seek medical attention.

SKIN:

Immediately remove contaminated clothing and wash skin thoroughly with soap and water for at least fifteen minutes.

INHALED:

Immediately remove patient to fresh air. If difficulty in breathing is experienced, give oxygen and artificial respiration if necessary.

FIRST AID FACILITIES:

Soap, water

ADVICE TO DOCTOR:

Treat symptomatically

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

Worksafe Occupational Exposure Standard (TWA – Time Weighted Average)
No data available

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

ENGINEERING CONTROLS:

None necessary

PERSONAL PROTECTION:

None required

FLAMMABILITY:

Not flammable under normal conditions of use.

SAFE HANDLING INFORMATION

STORAGE

Store product in original container only and keep out of direct sunlight.

TRANSPORT

Product is not classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SPILLAGE

Sweep up the material and re-use

DISPOSAL

Dispose of empty container in the rubbish

FIRE/EXPLOSION HAZARD

Not a fire or explosion hazard

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of Nitrogen and Carbon

FIRE FIGHTING EQUIPMENT:

Foam, carbon dioxide (CO₂), or dry chemical extinguishers may be used.

OTHER INFORMATION

ECOTOXICITY DATA:

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No data available

ENVIRONMENTAL FATE:

Decomposes into elemental forms

CONTACT POINT

TITLE: Technical Department

TELEPHONE NUMBER: (08) 9337 4933

AUTHORISED: **Technical Manager**

DATE: **8th July 2024**

NOTICE:

This Material Safety Data Sheet has been developed according to the Worksafe Australia/NOHSC Codes of Practice.

The information contained herein is given in good faith however and is considered to be accurate at the specified issue date. No warranty expressed or implied is made to the accuracy or completeness of the data and information contained herein.

No person, other than an authorised representative of David Gray & Company Pty Ltd, has the authority to make any alterations to this MSDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours.