

PATON FERTILIZERS PTY LTD
PO BOX 524
PENRITH NSW 2751
ABN: 56 000 508 216
PH: 02 4729 2888
FAX: 02 4729 2810
E-MAIL:info@paton.com.au
www.paton.com.au

MATERIAL SAFETY DATA SHEET

UREA

Product And Company Information

Name on label : Urea, Urea LB (Max 1.5 Biuret).
Supplier Address : 126 Andrews Road , Penrith, NSW 2750
Supplier Phone No : 047 292 888

Composition Information on Ingredients:

Composition : A stable substance containing ca. 100% Urea.
Appearance : White or green solid prills or granules.

Hazards Identification:

Heating under confinement may lead to violent reaction or explosion.
Dust may cause irritation or coughing.

First-Aid Measures:

Specific Immediate Treatment

Inhalation : Remove patient from exposure, keep warm and at rest. Obtain medical attention.
Skin Contact : Wash skin with soap and water. Obtain medical advice.
Eye Contact : Immediately irrigate with clean water, holding the eyelids apart, for at least 20 minutes. Obtain medical advice.
Ingestion : Wash out mouth with water and give 200 - 300ml of water to drink.

Further Professional Medical Assistance

Symptomatic treatment and supportive therapy as indicated.

Fire - Fighting Measures:

Flash Point: na	Autoignition Temp:	Lel: na	Uel:
na			

Non - combustible.

Requirements for fire fighting:

Extinguishing media should be determined by surrounding materials Thermal decomposition may evolve ammonia.

Accidental Release Measures:

Precautions : As a minimum use rubber gloves and a dust mask.
 Cleaning Up : Shovel into well labelled containers for disposal. Thereafter wash the spillage area with water to drain.

Handling and Storage

Handling Technical measures, precautions and safe handling advice:
 Control dust formation. Avoid contact with eyes. Avoid prolonged contact with skin.

Storage Technical measures, suitable conditions and packaging materials:
 Keep in cool dry, area with containers closed and away from strong bases.

Exposure Controls/Personal Protection

Wear Cotton gloves or rubber gloves and protective clothing. If dust levels are high wear a dust mask.

Physical and Chemical Properties

Appearance:	White/green solid prills /granules.
Melting Point:	133°C
Solubility water:	Highly soluble, hygroscopic
Bulk Density:	0.76g/ml
pH:	na

Stability and Reactivity:

Hazardous decomposition products: Decomposition may evolve the oxides of nitrogen and ammonia.

Hazardous reactions: Contact with reducing agents and some flammable substances may cause violent reaction and combustion.

Stability: Stable under normal conditions.

Toxicological Information:

Inhalation : Dust may irritate to nose, throat and the respiratory tract and may cause coughing.
Skin Contact : May cause irritation from abrasion.
Eye Contact : May cause irritation.
Ingestion : Swallowing large amounts may cause irritation a and gastrointestinal disorders in extreme cases.
Long Term Exposure :No known side effects have been associated with r repeated or prolonged exposure.

Ecological Information:

Users should ensure that they comply with local, provincial and national environmental legislation.
Environmental effects, behaviour and fate: Toxic to aquatic organisms.

Disposal Consideration:

Disposal (including waste from residues and contaminated packaging) should be in accordance with local, state or national legislation.

Transport Information:

International Regulations : Not regulated.

15. Regulations Information

Users should ensure that they comply with any relevant local, state or national legislation.

Special Notes:

The information, data, and recommendations in this material safety data sheet relates only to the specific material designated herein and do not relate to use in combination with any other or in any process. The information, data, and recommendations set forth herein are believed by W Paton Fertilizers Pty Ltd to be accurate. W Paton Fertilizers Pty Ltd make no warranties, either expressed or implied, with respect thereto and assumes no liability in connection with any use of such information, data, and recommendations.

Contact: Technical Manager
Telephone: (02) 4729 2888