

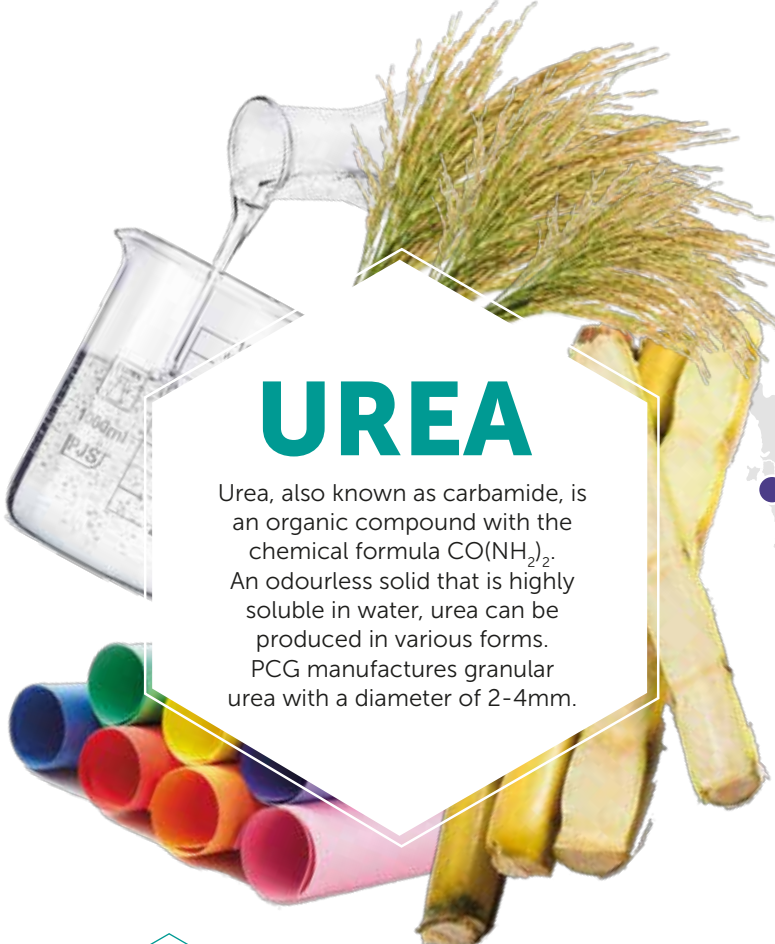


PETRONAS

UREA

PETRONAS CHEMICALS GROUP BERHAD
CHEMISTRY FOR GROWTH





PCG Urea Plants

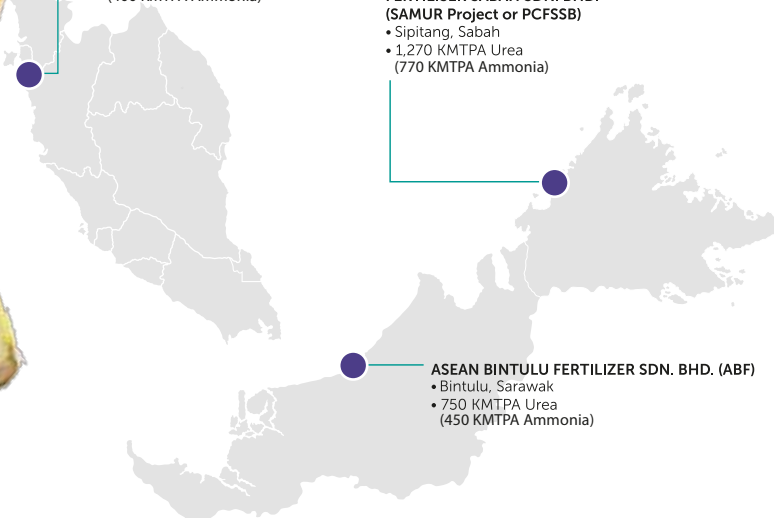
UREA

Urea, also known as carbamide, is an organic compound with the chemical formula $CO(NH_2)_2$. An odourless solid that is highly soluble in water, urea can be produced in various forms. PCG manufactures granular urea with a diameter of 2-4mm.

PETRONAS CHEMICALS FERTILISER (KEDAH) SDN. BHD. (PCFK)
 • Gurun, Kedah
 • 696 KMTPA Urea
 (400 KMTPA Ammonia)

PETRONAS CHEMICALS FERTILISER SABAH SDN. BHD. (SAMUR Project or PCFSSB)
 • Sipitang, Sabah
 • 1,270 KMTPA Urea
 (770 KMTPA Ammonia)

ASEAN BINTULU FERTILIZER SDN. BHD. (ABF)
 • Bintulu, Sarawak
 • 750 KMTPA Urea
 (450 KMTPA Ammonia)



Urea Product Specifications

FEEDSTOCK	PRODUCT	DERIVATIVE	APPLICATIONS	INDUSTRY
Natural Gas Methane (C1)	Ammonia	Urea	<ul style="list-style-type: none"> Nitrogen fertiliser NPK 	<ul style="list-style-type: none"> Agriculture
			<ul style="list-style-type: none"> Resins, adhesives i.e. Urea Formaldehyde (UF), melamine 	<ul style="list-style-type: none"> Industrial

Urea Product Specifications

PROPERTIES	GRANULAR UREA
Nitrogen	46.0 Percent by Weight Minimum
Biuret	1.0 Percent by Weight Maximum
Moisture	0.5 Percent by Weight Maximum
Granulometry	90 Percent Minimum 2-4 mm
Others	Granular, white, free flowing at loading point and coated with anti-caking agent.