



United States
513.731.1110

France
+33(0) 3.29.37.88.22

Japan
81.3.3344.3010

China
86.21.6064.9669



Basic Copper Nitrate

Basic Copper Nitrate is used as an oxidizer and in fuel and combustion additives. It provides high gas output, density, and thermal stability. Basic Copper Nitrate is used throughout many industrial sectors in applications such as: Oxidizers for gas-generating compounds in airbags, increase performance and burn rates of fuel and combustion additives, heterogeneous catalysis, and chemical synthesis.

The Shepherd Chemical Company is a well-known leader in the manufacturing of Basic Copper Nitrate, used in airbag generants, fuel and combustion additives, intermediate copper products, and oxidizers. Our Basic Copper Nitrate additives are continually developed to meet the needs of customers in all industries.

Technical Specifications

Copper	51 - 55%
Nitrate	23 - 28%
Volatiles	2% max.

Product Number

1233

Description:

an intermediate copper product. It is a powder ranging in color from green to turquoise

Application:

Pyrotechnic Generants

Packaging:

125 lb - box

Chemical Formula:

$\text{Cu}_2(\text{OH})_3\text{NO}_3$

Manufactured under ISO 9001 registered quality management systems.