

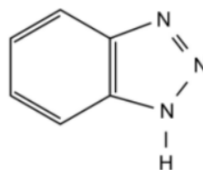


KANGHUA CHEMICAL CO., LTD

1, 2, 3-Benzotriazole (BTA)

Formula: $C_6H_5N_3$

CAS No.: 95-14-7



MW: 119.04

Structural Formula:

Properties: Pure product is white to light yellow crystal, melting point is $98.5^{\circ}C$, boiling point is $204^{\circ}C$ (15mmHg), can be processed into flake, granular, powder, needles, dome-shaped. Slightly soluble in water, soluble in alcohol, benzene, toluene, chloroform and other organic solvents.

Usage: It's mainly used as rust-preventer, antifreeze fluid, antioxidant additive (including lubricating oil, hydraulic oil, brake oil, transformer oil), emulsifier, water stabilizer, the additive for high molecular materials (polyester and polyestheramide) capacity of ultraviolet resistance and anti static electricity, photographic antifogging agent, copper mine flotation, metal's slow corrosion etc.

Packing: polywoven bag, composite bag, fiber can, metal drum, jumbo bag, lined with plastic bag or aluminum foil bag

Net weight: 20kg, 25kg, 500kg

Specifications

Item	Specification
Appearance	Needle, Granular, Powder, Flake, dome-shaped
Purity	$\geq 99.5\%$
Melting Point	$97.0^{\circ}C-99.5^{\circ}C$
Moisture	$\leq 0.1\%$
Ash Content	$\leq 0.05\%$
Aquous PH	5.0-6.0
Solubility in Alcohol	Transparent, no precipitation