

TECHNICAL DATA SHEET OF**Imidacloprid 97% TC****Supplier:** Shanghai Bosman industrial Co., Ltd.**Batch No.:** 20180310**Manufacture date:** Mar. 10, 2018**Expiry data:** Mar. 9, 2020

Chemistry identity	
Common name	Imidacloprid 97% TC
Chemical name	Imidacloprid
CAS No	138261-41-3
Physical and chemical properties	
Appearance	Off-white powder
Content	97 % min (w/w)
pH	5.0-8.0
Density	NA
Solubility in water	water 0.61 g/l (20 °C)
Mammalian toxicity	
Acute oral	LD ₅₀ >450 mg/kg for rat
Acute dermal	LD ₅₀ >5,000 mg/kg for rat
Acute inhalation	LC ₅₀ >5.0 mg/L (4h) for rat
Environment fate	Imidacloprid shows a medium adsorption to soil. Stable to hydrolysis under sterile conditions (under exclusion of light). Environmental DT50 c. 4 h (calc., based on tests of direct photolysis in aqueous solutions). Besides sunlight, the microbial activity of a water/sediment system is an important factor for the degradation of imidacloprid.
Handling and storage	Handling: Do not apply to humans, their clothing, or bedding. Do not contaminate food or use on household tanks. Storage: Store at normal temperatures, away from children, domestic animals, food and feed products, seed and fertilizer. Do not contaminate other stored products or the storage area by handling or storage of this product. Keep in a well-ventilated room.
Package	25kg drum or customized package