

TECHNICAL DATA SHEET

Imidacloprid Technical | CAS 105827-78-6

1. Product Identification

Product Name	Imidacloprid Technical
CAS Number	105827-78-6
Synonyms	Admire, Confidor, Gaucho, 1-[(6-chloro-3-pyridyl)methyl]-N-nitro-2-imidazolidinylideneamine
Category	Agrochemical
Available Grades	Technical 97-98%/WP 70%/SL 17.8%
HSN Code	2933.39

2. Physical & Chemical Properties

Molecular Formula	C ₉ H ₈ ClN ₂ O
Molecular Weight	255.67
Appearance	Off-white crystalline powder
Density	1540 kg/m ³
Boiling Point	>300°C
Melting Point	144°C
Flash Point	None
Solubility	610mg/L water

3. Applications

• Systemic insecticide for sucking pests • Seed treatment • Soil application • Foliar spray • Vector control

4. Industries Served

Agriculture, Public Health, Horticulture

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.