

TECHNICAL DATA SHEET

Thiamethoxam Technical | CAS 153719-23-4

1. Product Identification

Product Name	Thiamethoxam Technical
CAS Number	153719-23-4
Synonyms	Actara, Cruiser, CGA-293343, 3-[(2-chloro-5-thiazolyl)methyl]tetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine
Category	Agrochemical
Available Grades	Technical 98%/WG 25%/FS 35%
HSN Code	2934.99

2. Physical & Chemical Properties

Molecular Formula	C ₁₀ H ₁₀ ClN ₄ O ₂ S
Molecular Weight	291.71
Appearance	White to off-white powder
Density	1570 kg/m ³
Boiling Point	>300°C
Melting Point	139.1°C
Flash Point	None
Solubility	4100mg/L water

3. Applications

• Second generation neonicotinoid • Seed treatment • Soil drench • Foliar application • Bee attractant at low doses

4. Industries Served

Agriculture, Horticulture, Seed Treatment

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.