

TECHNICAL DATA SHEET

Emamectin Benzoate | CAS 155569-91-6

1. Product Identification

Product Name	Emamectin Benzoate
CAS Number	155569-91-6
Synonyms	Proclaim, MK-244, Denim 1.9 EC, EB
Category	Agrochemical
Available Grades	Technical 95%/SG 5%/EC 1.9%
HSN Code	2941.90

2. Physical & Chemical Properties

Molecular Formula	$C_{22}H_{27}NO_4 \cdot C_6H_5O_2$
Molecular Weight	1008.22
Appearance	White to off-white powder
Density	1200 kg/m ³
Boiling Point	>300°C
Melting Point	141-146°C
Flash Point	None
Solubility	24mg/L water

3. Applications

• Lepidoptera control • Diamondback moth • Fall armyworm • Thrips • Cotton bollworm • Vegetable crops

4. Industries Served

Agriculture, Horticulture, Vegetable Farming

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.