



SHANGHAI BOSMAN INDUSTRIAL CO., LTD.

Add: Room1804, No.1611, North Sichuan Road, Hongkou District, Shanghai, P.R. China.

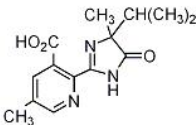
Tel: +86 21 63065878 | **Fax:** +86 21 63065878 | **E-mail:** info@bosmangroup.com

Website: www.bosmanagrochem.net

Version: 1.0 Issue date: June 1, 2025

TECHNICAL DATA SHEET OF

Imazapic 240g/L SL

Chemistry identity	
Common name	Imazapic 240g/L SL
IUPAC name	(RS)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-5-methylnicotinic acid
CAS No	104098-48-8
Formula structure	
Physical and chemical properties	
Appearance	Light yellow liquid
Content	240g/L (g/L) min
pH	5.0~8.0
Solubility in water	Soluble in water
Mammalian toxicity	
Acute oral	LD ₅₀ for rats >5000 mg/kg (for Imazapic TC)
Acute dermal	LD ₅₀ for rats >2000 mg/kg (for Imazapic TC)
Acute inhalation	LC ₅₀ (4 h) for rats > 5.0 mg/L air (for Imazapic TC)
Environment fate	Animals Does not bioaccumulate in animals; if ingested, then rapidly excreted through urine and faeces. Soil/Environment The primary route of degradation in soil is via microbial activity; DT ₅₀ 31-410 d, depending upon soil and climatic conditions. Aqueous DT ₅₀ <8 h; imazapic is degraded by aqueous photolysis in the presence of sunlight.
Handling and storage	Handling: Keep out of reach of children. Harmful if swallowed. Avoid contact with skin and clothing. After work, remove protective clothing and equipment, wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Clean up spilled material immediately, and wash clothes, equipment and work area after use. Storage: Store in tightly closed original container in a cool, dry well-ventilated area out of direct sunlight. Do not store with food, feed stuffs, fertilizers and seeds. See product label for further handling/storage precautions relative to the end use of this product.
Package	200 L drum or customized package