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PRODUCT SPECIFICATION

产品规格书

Product Name	Di-n-Octyl Adipate (DOA) 99%	**Grade / Model**	Commercial plasticizer grade, 99%; linear di-n-octyl ester only
CAS No.	123-79-5	**Executive Standard**	Solechem public commercial specification for CAS 123-79-5; purchase tests and acceptance limits to be fixed in the Richest COA. No DEHA/103-23-1 standard is applied.
Revision Date	2026-11-16	**HS Code**	2917.12 (adipic acid, its salts and esters; Solechem lists 29171200; confirm destination-country suffix)

No.	Item	Specification
1	Appearance	Clear, low-viscosity liquid
2	Purity	Typically 99% minimum
3	Melting point	7.49 °C (supplier-published physical value)
4	Boiling point	173 °C at 3 Torr
5	Density	0.922 (supplier-published value; units and test conditions not stated)
6	Flash point	196 °C
7	Refractive index	1.4474
8	Partition coefficient (log P)	6.11 (supplier-published value)

Remarks: Packing: Drums and IBCs, with bulk tanker options (Solechem commercial packaging; https://www.solechem.eu/products/cas-123-79-5/). Final Richest pack size is order-specific.. Storage: Keep the container tightly closed in a dry, cool, well-ventilated place. Separate from strong oxidants and strong acids, prevent static discharge, and keep away from drains and incompatible materials.

Specification basis: Public typical specification; final supply subject to Richest COA. Identity and commercial values are anchored to Solechem's CAS 123-79-5 page, with LGC/PubChem identity cross-checks and a public ChemicalBook SDS for safety information.