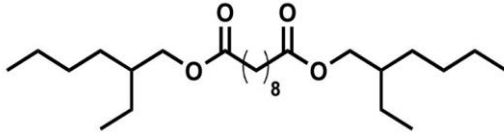


Product name	<b>SANSO CIZER DOS</b>	
Chemical name	Bis(2-ethylhexyl) sebacate	
Molecular formula (M.W.)	C <sub>26</sub> H <sub>50</sub> O <sub>4</sub> (427)	Structural formula of DOS  
ENCS No	2-879	
CAS RN <sup>®</sup>	122-62-3	
EINECS No	204-558-8	
TSCA	Listed	

Feature/Function	DOS is the most excellent ester as both a cold-resistant plasticizer and a synthetic lubricant. <Plasticizer> It has favorable plasticization efficiency, and good retention property with less volatility, migration, extraction due to soap, etc. <Lubricant> It has excellent lubricating property, viscosity characteristic, flash point, vapor pressure, and heat resistance compared to DOZ.
Applications	Electric wires, plasticizer for synthetic rubbers, high-grade lubricants, greases, etc.

<Representative properties>		<PVC performance (Plasticizer 50phr)>	
Color (Hazen)	≤30	Hardness	A 82
Specific gravity (20/20°C)	0.912-0.918	Tensile test 100% Modulus (MPa)	8.6
Refractive index (25°C)	1.447-1.453	Clash & Berg (°C)	-54
Loss on heating (%)	≤0.1	Weight loss (%) 170°C, 60 min	6.5
Acid value (mgKOH/g)	≤0.04		
Ester value (mgKOH/g)	260-266		
Specific volume resistivity (Ω · cm 30°C)	≥1×10 <sup>12</sup>		
Flash point (°C)	228		

Packing	Bulk, Drum(190kg), Can(15kg)
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For inquiries, contact us:	New Japan Chemical co., ltd. Polymer Materials Marketing & Sales Dept. +81-3-5540-8106
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<About handling of the descriptions herein>

Descriptions herein were created based on materials, information, and data that have been obtained to date, but the data, evaluations, risks, etc. described are not warranted at all. In addition, the items described are intended for usual ways of handling, and therefore if the product is handled in a special manner, handle it after taking a safety measure appropriate for the application or usage.

