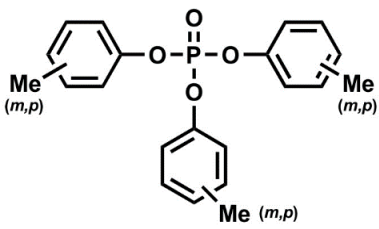


Product name	SANSO CIZER TCP		
Chemical name	Tritolyl phosphate (Tricresyl phosphate)		
Molecular formula (M.W.)	C ₂₁ H ₂₁ O ₄ P (368)	Structural formula of TCP	
ENCS No	3-2613		
CAS RN [®]	1330-78-5		
EINECS No	215-548-8		
TSCA	Listed		

Feature/Function	TCP is a plasticizer which has long been produced, and has compatibility with almost all types of resin. It has trouble with cold resistance, but has good flame resistance, electric insulation, weather resistance, and hydrolysis resistance in addition to good gelation capability, and consequently it is used in various areas such as plasticizers for vinyl chloride, synthetic rubbers, and cellulose, as well as lubricants and nonflammable hydraulic oils.
Applications	Flame retardants, lubricants, etc.

<Representative properties>			
Color (Hazen)	≤50	Viscosity (mPa·s 30°C)	47
Specific gravity (20/20°C)	1.160-1.180	Pour point (°C)	-27
Refractive index (25°C)	1.554-1.560	Flash point (°C)	241
Loss on heating (%)	≤0.1	Boiling point (°C)	425/101.3 kPa
Acid value (mgKOH/g)	≤0.05		
Specific volume resistivity (Ω·cm 30°C)	≥5×10 ⁹		
Freezing point (°C)	≤-20		

Packing	Drum(200kg), Can(20kg)
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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.

