


# Special Aromatic Solvents / SAS

SAS (Special Aromatic Solvent) is a colorless, liquid, high-boiling aromatic hydrocarbon compound synthesized by our in-house technology.

SAS is manufactured by NCTI(Nippon Chemical Texas Inc.), USA. For more details, please check out [Nippon Chemical Texas Inc. website](#) .

Packaging	ISO container (20t), Drum (180kg)
Main Application	Capacitor Fluid, Heat Transfer Fluid, Compressor Wash Oil, Argo Chemicals/ Fertilizer, Heavy Aromatic Solvents

## Product Categories and Typical properties

[VSS-300](#)
[VSAS-60E](#)
[V1,1-DIPHENYLETHANE](#)

### Typical properties of SS-300

Main Application	Heat Transfer Fluid
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Item	Units	Representative Values
Appearance	-	Transparent, Colorless Liquid
Specific Gravity (15/4°C)	-	0.96
Initial Boiling Point	°C	316
Final Boiling Point	°C	327
Pour Point	°C	-42
Flash Point	°C (COC)	180
Viscosity at 40°C	cSt	13
UN No.	-	UN 3082

## Typical properties of SAS-60E

Main Application	Capacitor Fluid
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Item	Units	Representative Values
Appearance	-	Transparent, Colorless Liquid
Specific gravity (15/4°C)	-	1.001
Melting Point	°C	<-65
Total chloride content (Cl)	ppm	<1
Peroxide (O <sub>2</sub> )	ppm	<1
Total Acid Value	mg KOH/g	<0.01
Dielectric Breakdown Voltage	kV	70
Relative Permittivity $\epsilon$ (100°C)	-	2.43
Dielectric Loss Tangent $\tan\delta$ (100°C)	%	0.025
Flash Point	°C (COC)	130
Viscosity at 40°C	cSt	2.6
UN No.	-	UN 3082

## Typical properties of 1,1-DIPHENYLETHANE

Main Application	Heat Transfer Fluid
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Item	Units	Representative Values
Appearance	-	Pale yellow, clear Liquid
Specific gravity (60°C)(Water=1)	-	1.004
Boiling Point	°C	257~267
1,1-Diphenylethane Purity	wt% (GLC)	99
Pour Point	°C	<-40°C
Flash Point	°C (PMCC)	130
Spontaneous-ignition Temperature	°C	443
Vapor Pressure (25°C)	mmHg	0.002