



Trade name **KYOWASOL C-900**

Chemical Name ISONONANE

Mixture of C9alkane Isomers

Chemical Structure (This compound may be contained less than 0.5 % n-Nonane)

Molecular Formula C₉H₂₀

Molecular Weight 128.3

CAS No. 34464-40-9, 68551-15-5

TSCA On Inventory Not Listed

EINECS No. 252-053-6, 271-364-8,

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	10 max.	JIS K 0071
	Specific Gravity (20/20°C)	Wt %	0.705 – 0.745	JIS K 0061
	Water Content		0.01 max.	JIS K 0068
	Distillation Test	°C	I.B.P. 131 min.	JIS K 2254
	(Per 100ml of sample 760mm hg)	°C	D.P. 141 max.	
	Residue on Evaporation	g/100ml	0.005 max	JIS K 0067

Physical Property	Item	Unit	
	Boiling Point (760 mmHg)	°C	135
	Melting Point	°C	–65max.
	Specific Gravity(20/20°C)		0.728
	Refractive Index (nD25)		1.406
	Vapor Pressure(50°C)	KPa	4.5
	Viscosity (15°C)	mPa/s	0.75
	Solubility (20°C, in water)	g/100g	0.01max.
	Flash Point (COC)	°C	23.1
	Ignition Point	°C	227
	Explosion Limits	Vol%	0.7 – 6.7

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Health Hazards	Acute toxicity data on Kyowasol – C900		
	Acute Toxicity	LD50(oral)	rat >5g/Kg
Emergency and First Aid Procedure	1)Skin Contact	Remove contaminated clothing. Wash the affected area with plenty of clean water and soap. If irritation develops, see a physician.	
	2)Eye Contact	Flash eyes with plenty of clean water for at least 15 minutes while holding eyelids open. If irritation develops , see a physician.	
	3)Inhalation	If a large amount is inhaled , remove individual(s) to fresh air.	
Storage	Tighten the cap of container and store in a cool , dry , well-ventilated , storage area of cabinet.		
Extinguishing Media	Water spray , Dry chemicals , Protein type air foams or carbon dioxide .		
Packing	145Kg 20MT	Iron drum ISO-Container	

Kyowa Hakko Chemical Co.,Ltd.

3-2-15 Nihonbashi-Muromachi,
Chuo-ku,Tokyo,103-0022,Japan
Tel: +81-3-3510-3552
Fax:+81-3-3510-3571

Kyowa Hakko USA, Inc

767 Third Avenue, 19th Fl.
New York, NY 10017, USA
Tel: +1-212-319-5353
Fax:+1-212-421-1283

Kyowa Hakko Europe GmbH

Immermannstr. 3
D-40210 Dusseldorf
Germany
Tel: +49-211-17-728-0
Fax:+49-211-17-728-41

**Kyowa Hakko Industry
(Singapore) Pte. Ltd.**

260 Orchard Road #12-04
The Heeren, Singapore 238855
Tel: +65-6733-4948
Fax:+65-6733-0819

Kyowa Hakko Chemical Co.,Ltd.

Shanghai Representative Office
8 Xingyi Road MaxDo Bldg., Room
908, Changning District, Shanghai
200336, China
Tel: +86-21-5208-0009
Fax:+86-21-5208-0130

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www.kyowachemical.co.jp

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