



EXACHEM Co., Ltd. ISU Chemical Bldg. 4 Fl, Banpo-Dong, Seocho-Gu, Seoul, Korea

TECHNICAL DATA SHEET

ISU D-SOL 150L (ALIPHATIC HYDROCARBON SOLVENT)

1. Type / Structural Formula

: Mixture of N-Paraffin, Iso-Paraffin, Napthenic

C_nH_{2n+2} , $(C_{12}H_{22})_n$, $(C_4H_8)_n$, $(CH_2CH_2CH_2)_n$, $(C_9H_{18})_n$, $(C_{10}H_{20})_n$, $(C_{11}H_{22})_n$

2. Composition / Information on Ingredients

Components	Common name	CAS #	PCT(WT)(%)
Distillates (Petroleum), Hydrotreated Light	Hydrotreated Kerosene, Distillate fuel oils, lights	64742-47-8	100

3. Typical Physical properties

Test Items	Test Method	Guaranteed or Requirement Spec	Typical Value(Ave)
Sp. Gr., 15/4°C	ASTM D-4052	0.75 - 79	0.7749
Color, Saybolt	ASTM D-156	MIN. +30	+30
Sulfur, wt ppm	ASTM D-5453	MAX. 1.0	1↓
Aromatic, wt ppm	UOP 495-75	MAX. 1000	38
Flash Point, °C	ASTM D-93	MIN. 31	32.5
Bromine Index, Br ₂ mg/100g	ASTM D-1492	MAX. 10	0.8
Aniline Point, °C	ASTM D-611	Report	62.1
Viscosity, cst, at 40°C	ASTM D-445	Report	0.85
Distillation, °C	ASTM D-86		
IBP		MIN. 150	150
5%			152
10%			152
50%			155
90%			159
95%		MAX. 162	161
D P			164

4. Features

- Good solubility
 - : Contains napthenic rich contents
- Widely applicable
 - : Applicable for all types of solvents
- Excellent stability
 - : No unsaturated compounds and impurities
- Environment friendly
 - : Low aromatic contents, Low order of toxicity

5. Application

- Metal cleaning solvent
- Metal working oil base
- Rolling oil base
- Anti-rusting oil base
- Underbody wax base oil
- Dewaxing solvent
- Plasticizer diluents
- Printing ink solvent