

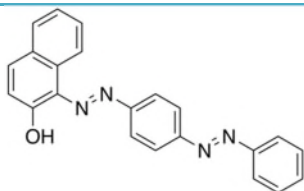


# Novactsolv Liquid Red LSF-H

## FUEL DYE SPECIALTY

Novactsolv Red LSF-H is a single-phase liquid dye for the coloration of fuel, fuel additives. Lubricating oils and other petroleum based products.

### DYE CHEMICAL COMPOSITION

Chemical Structure	
I.U.P.A.C. Name	1-[[4-[phenylazo]-phenyl]azo]-2-naphthol
C.A.S. Number	71819-51-7
Empirical Formula	C <sub>31</sub> H <sub>34</sub> N <sub>4</sub> O
Molecular Weight	478.63 gr/mol
EINECS	N/A
Solvent System	Solvent Naphtha CAS # 64742-84-5 <70%

Typical Properties	Specific Gravity	1.0 - 1.1 at 68°F		
	Pounds per Gallon	8.3 approx.)		
	Physical appearance	Red Liquid		
	Flash point	> 93.3°C (200°F) Method Pensky Martens Closed Cup		
	Vapor pressure	>0.1@37.8°C (100°F) (mmHg@20°C/68°F)		
	Viscosity	200 cps		
	Color Strength	100% of N.C. Standard		
	Odor	Practically odorless		
Hazards identification	OSHA hazards	No known OSHA hazards		
	HMIS Classification	Health 1	Flammability 1	Reactivity 0
	Transportation Information	<b>DOT (US)</b>	<b>IMDG</b>	<b>IATA</b>
		Not dangerous	Not dangerous	Not dangerous
Flammability Classif.	OSHA Combustible Liquid IIIB			

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