



# Novactsolv Orange LSF-H

## FUEL DYE SPECIALTY

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

### DYE CHEMICAL COMPOSITION

<b>Chemical Structure</b>	N/A			
<b>I.U.P.A.C. Name</b>	1,3 Benzenediol, 2,4 bis (alkylphenyl-azo)			
<b>C.A.S. Number</b>	29196-28-1			
<b>Empirical Formula</b>	C <sub>22</sub> H <sub>31</sub> N <sub>3</sub> O <sub>2</sub>			
<b>Molecular Weight</b>	363.0 gr/mol			
<b>Color Index</b>	N/A			
<b>Solvent System</b>	Solvent Naphtha CAS # 64742-84-5 <70%			
<b>Typical Properties</b>	Specific Gravity	1.0 - 1.1 at 68°F		
	Pounds per Gallon	8.3 approx.)		
	Physical appearance	Orange 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)		
	Brookfield Viscosity	5 20 cSt @ 40°C (104°F)		
	Color Strength	100% of N.C. Standard		
	Odor	Practically odorless		
<b>Hazards identification</b>	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			
<b>Dosage</b>	Fuels	5 – 20 mg/l		
	Lubricants	50 to 200 mg/l		
	Greases	500 to 2000 mg/l		

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