



**Clear Solutions USA**

# ClearSol SOLV

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## Technical Data Sheet

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### **HIGH-PERFORMANCE, NON-COMBUSTIBLE, BIODEGRADABLE SOLVENT**

#### **DESCRIPTION**

**ClearSol SOLV** is a biodegradable, non-combustible solvent that cuts through and removes heavy greases, oils and paraffin from metal and other surfaces. **ClearSol SOLV's** high polarity and low surface tension of 27 dynes/cm provides exceptional solvency properties including fast spreading, soil penetration and removal. **ClearSol SOLV** is also very effective at removing bitumen from metal surfaces and is a highly attractive, environmentally-friendly alternative to conventional solvents such as p-xylene & 1,4-dimethylcyclohexane. This proven solvent technology exhibits the following attributes:

- Biodegradable.
- Non-combustible.
- Extremely low surface tension of 27 dynes/cm.
- Fast spreading & soil penetration on metal and other surfaces.
- Excellent at removing heavy greases, oils, paraffin and bitumen.
- Eco-friendly alternative for p-xylene & 1,4-dimethylcyclohexane.

CLEAR SOLUTIONS USA  
47 North Ski Court, Gilbert, AZ 85233  
Phone: 480-631-0996

## **SPECIFICATIONS**

Appearance	Colorless liquid
Odor	Bland odor
Purity %	> 96
Molecular Weight	186 g/mol
Acid Number, mg KOH/g	0.02
Ester Number, mg KOH/g	0.44
Kb Value	43
Water, wt. %	0.01
Color, Hazen	1
Viscosity @ 20 °C	2.1 cSt
Boiling Point °C	186°C
Pour Point °C	- 42°C
Flash Point °C	97°C
Surface Tension, dynes/cm @ 20°C	27
Interfacial Tension, dynes/cm @ 20°C	32
pH (as is)	Not Applicable

## **STANDARD PACKAGING**

ClearSol SOLV is available in 55-gallon drums and 275-gallon totes.

## **SHELF LIFE**

ClearSol SOLV has a shelf life of 2 years.