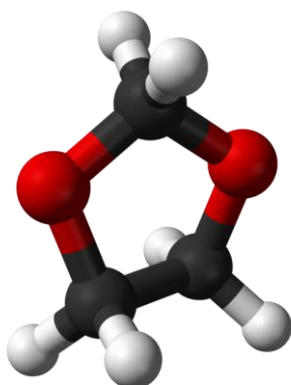


1,3- Dioxolane (DOX):

Acetals are a growing trend in industrial use due to compliance with environmental regulations and standards.
















1,3- Dioxolane (DOX) is a Cyclic Acetal that has replaced common solvents such as Methylene chloride, NMP, etc. in various industries.

Structure:



Parameter	Spec.	UNIT
Chemical Name	1,3-Dioxolane	---
CAS No.	646-06-0	----
Description	Clear Liquid	Visual
Density @ 15°C	1.06	g/cm ³
Water Content	Max 0.1	wt %
Purity	Min 99.5 %	GC%
Boiling Point	76	°C
Formaldehyde Content	Max 100	ppm
Methanol Content	Max 100	ppm
Methylal Content	Max 100	ppm






Comparison of 1,3-dioxolane and other commonly used solvents:

	1,3-Dioxolane	NMP/NEP	MEK	THF	Chlorinated Solvents
Health					
Solvent Power					
Miscibility With Water					

Consumer industries:



Advantages:

	1,3-Dioxolane	NMP/NEP	MEK	THF	Chlorinated Solvents
Accessibility					
Price	