

## OILFIELD CHEMICAL INTERMEDIATES

(Alkyl Pyridine Mixture, Choline  
Chloride & Formaldehyde)



## Oilfield Chemical Intermediates

Jubilant offers three products for Oilfield applications -

- i. Alkyl Pyridine Mixture
- ii. Choline Chloride
- iii. Formaldehyde (37% - 43%)

## ALKYL PYRIDINE MIXTURE

Alkyl Pyridine mixture is complex heterocyclic mixture containing poly-alkylated pyridines derived as high-boiling distillates during Pyridine production. Jubilant also produces customized grades as per customer requirement.

### Chemical Information

Product Name	: Alkyl Pyridine Mixture
Product Grades	: JLSNV1, JLSNV2
Synonyms	: Pyridine Alkyl derivative
CAS Number	: 68391-11-7

### Application

Alkyl Pyridine Mixture is used as a raw material to manufacture corrosion inhibitor formulations for upstream, midstream and downstream oilfield applications.

Jubilant Life Sciences is one of the leading manufacturers of Alkyl Pyridine Mixture, globally.





## CHOLINE CHLORIDE

### Chemical Information

Product Name	Choline Chloride
Product Grade	JLS CC 70, JSL CC 75
Synonyms	Aqueous Choline Chloride 70% or 75%, (2-Hydroxyethyl) Trimethylammonium Chloride
Molecular Formula	C <sub>5</sub> H <sub>14</sub> NOCl (Choline Chloride)
Molecular Weight	139.6 g/mol
CAS	67-48-1

### Application

Choline Chloride is widely used as a clay stabilizer in the Oil and Gas industry. Clay stabilizers reduce clay swelling. They function through ion exchange, where the stabilizer provides a cation to replace the native, solubilized clay cation such as sodium.

Choline Chloride is a safe chemical **with excellent environmental profile**. It serves as an effective temporary clay stabilizer / KCl substitute for the smectite, illite and mixed layer clay minerals, those commonly found in formations.

Jubilant Life Sciences is India's largest manufacturer of Choline chloride. Jubilant produces Choline Chloride as a clear aqueous solution under the brand name JLS CC. Jubilant supplies Choline Chloride 70% and 75% concentrations.

## FORMALDEHYDE

### Chemical Information

Product Name	Formaldehyde
Synonyms	Formalin, Methanal
Molecular Formula	CH <sub>2</sub> O
Molecular Weight	30.03 g/mol
CAS	50-00-0

### Application

Formaldehyde is the simplest aldehyde, having the formula HCHO. Formaldehyde is perhaps best known for its preservative and anti-bacterial properties, but formaldehyde-based chemistry is also used to make a wide range of value-added products, which are used for oilfield applications.

Jubilant supplies Formaldehyde in various concentrations from 37% - 43%

## PACKAGING AND TRANSPORTATION

Jubilant products are packaged as per customer needs in 200 kg drum, one tonne IBC (Intermediate Bulk Containers), ISO Tanks and Flexi Tanks.

The Life Science Ingredients segment of Jubilant Life Sciences is engaged in Specialty Intermediates, Nutritional Products and Life Science Chemicals through five manufacturing facilities in India.

Serving customers in over 80 countries, the segment offers a broad portfolio of high quality ingredients that find application in wide range of industries.



## MANUFACTURING FACILITIES

### UTTAR PRADESH

• Gajraula

### GUJARAT

• Bharuch  
• Samlaja

### MAHARASHTRA

• Nira  
• Ambarnath

## OFFICE LOCATIONS

### India

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