

**LIFE SCIENCE
CHEMICALS**





Life Science Chemicals

Jubilant has been a market leader for over 40 years of Acetyl range of products like, Acetic Anhydride, Ethyl Acetate, Acetic Acid, Anhydrous Alcohol, Monochloroacetic Acid and Sodium Monochloroacetate. The company manufactures these products through a molasses-based process and derives its strength from two strategically located global scale manufacturing units in India.

PRODUCTS

Ethyl Acetate

Ethyl Acetate- an environment friendly solvent which is used by the pharmaceutical, packaging, coating and ink industries. Ethyl Acetate produced through bio-ethanol gives a much lower carbon footprint of 2.29 (CO₂ per ton of chemical) as against 5.66 (CO₂ per ton of chemical) through petro route. It is an important downstream product of bio-ethanol and Acetic Acid.

Jubilant is the 7th largest Ethyl Acetate manufacturer in the world and has the largest market share in the domestic market.

Acetic Anhydride

Acetic Anhydride is made from Acetic Acid. Jubilant holds more than half of the domestic market share in the production of Acetic Anhydride. It is also the 7th largest global manufacturer of Acetic Anhydride and the 4th largest in terms of merchant sales globally.

Acetic Acid

Jubilant is the largest consumer of Acetic Acid in India. The Company also supplies Acetic Acid to a variety of industries for their consumption.

Ethanol and Specialty Gases

Jubilant manufactures Anhydrous Alcohol, CO₂ and ETO mixtures. Ethanol is well synergized in the value chain and serves as a critical feedstock for the company to make value added end products and is produced by the biomass route of processing sugarcane molasses. The Company has two state of the art production unit for ethanol manufacturing in Gajraula (Uttar Pradesh) and Nira (Maharashtra). Ethanol produced is supplied to oil marketing companies for Ethanol Blending Programme (EBP) in India making us the 4th largest supplier on Pan India basis.

Monochloroacetic Acid (MCAA)/ Sodium Monochloro Acetate (SMCA)

Jubilant is the only integrated producer, manufacturing Monochloroacetic Acid/Sodium Monochloro Acetate by utilising Acetic Acid and Acetic Anhydride. The Company is a prominent exporter of MCAA and SMCA.

APPLICATIONS

Ethyl Acetate is an important ingredient in diverse industries such as:

- Pharmaceuticals
- Printing Inks
- Packaging
- Adhesives
- Paints and Coatings
- Agrochemicals

Acetic Anhydride find its application in following industries:

- Pharmaceuticals
- Agrochemicals
- Cellulose Acetate
- Polymers
- Detergents
- Intermediate for Modified Starch, Aromatics, Dyes etc.

Acetic Acid finds major applications in following industries:

- Pharmaceuticals
- Agrochemicals
- Textiles
- Dyes industry

- Fuel Blending
- Other Ethanol related applications

MCAA/SMCA are used in industries as diverse as:

- Surfactants
- Agrochemicals
- Pharmaceuticals
- Oil Drilling
- Food

ADVANTAGES

With over four decades of leadership in Acetyls chemistry and impeccable track record, Jubilant Life Sciences is your ideal Partner of Choice.

Here are some of our core strengths:

- Our storage hub in **Antwerp, Belgium** facilitates easy accessibility, availability and ensures on-time delivery.
- **Ample availability of Acetic Acid** in Asia region.
- Jubilant's manufacturing excellence enables it to **provide higher efficiencies in entire Acetyls value chain.**
- Jubilant's **strong customer relationships.**
- Our manufacturing facilities comply to highest standards of safety and Quality with certifications like

ISO 9001/OHSAS 18001

Food Safety System Certification (FSSC) ISO-22000:2005

FSSC /ISO-22000:2005

- Jubilant focuses on customising the products through superior quality and on-time delivery. **Six Sigma initiatives are adopted** where the **Company constantly benchmarks and improves the product line-up** to enhance efficiency measures.
- Our products are:

REACH registered for European market

HALAL certified

KOSHER certified

TFS certified



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
- Samlaya

MAHARASHTRA

- Nira
- Ambarnath

OFFICE LOCATIONS

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