



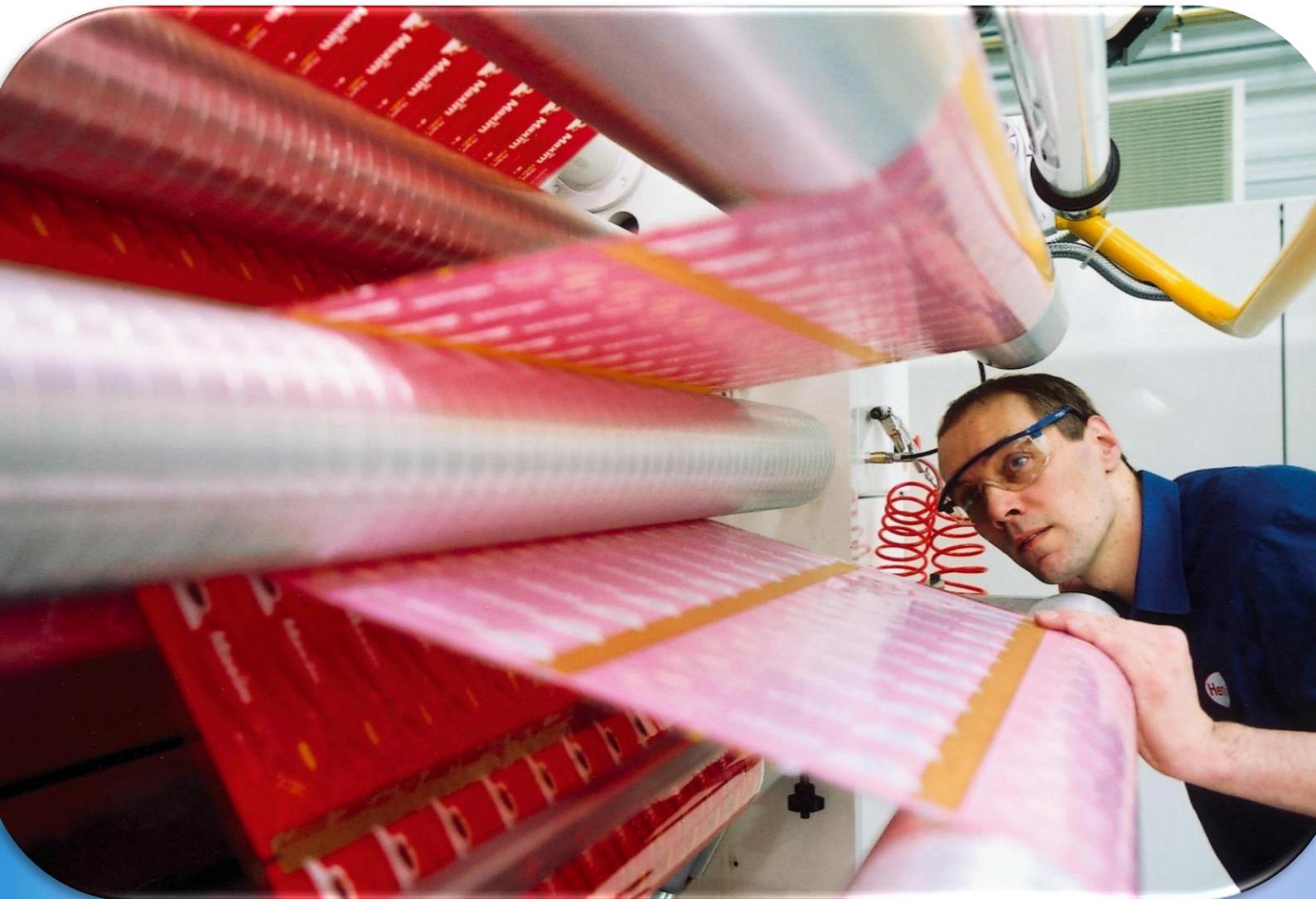
Asia Petrochemicals LLC

**C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>**

## Ethyl Acetate

### KEY FEATURES:

- Colorless liquid with a pleasant odour.
- Miscible with many Organic Solvents in all proportions.
- Primarily used in numerous Flexible Printing Coating and Inks manufacturing application.





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## Ethyl Acetate

### PRODUCT DESCRIPTION

**Ethyl acetate** is a neutral, colorless liquid with a faint and pleasant fruity odor. It is miscible in all proportions with the common organic solvents. **Ethyl acetate** is an excellent solvent for nitrocellulose, cellulose ethers, celluloid, chlorinated rubber, some natural resins and numerous synthetic resins such as polyvinyl acetates, polyacrylates, polystyrene (coatings) and alkyd resins as well as plasticizers, fats, waxes and oils. A mixture of **ethyl acetate** and 20% ethanol is a good solvent for cellulose acetate.

### APPLICATIONS

The main uses of **ethyl acetate** are in the manufacture of a variety of coating formulations such as epoxies, urethanes, cellulosics, acrylics and vinyls. Applications for these coatings include nitrocellulose and cellulose acetate lacquers, varnishes and shellacs for wood furniture and fixtures, auto refinishing, decorating ceramic objects and architectural coatings for interiors and exteriors. It is a solvent component in adhesives, spread-coating compounds for artificial leather and cleaners (paint solvents or thinners). **Ethyl acetate** may be used as a solvent for the isocyanate component of catalyzed lacquers. Due to its low toxicity and agreeable odor, **ethyl acetate** has applications as a solvent in inks for flexographic and rotogravure printing, where its main function is to dissolve the resin, control the viscosity and modify the drying rate. **Ethyl acetate** can also be used for preparing wool fabrics for dyeing. It may be used in organic syntheses (esters, drugs) and as an extraction solvent in the production of pharmaceuticals and foods.



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# Ethyl Acetate

| Parameter                            | Specification   |
|--------------------------------------|---|
| Appearance                           | Clear & Colorless Liquid  |
| Colour ALPHA, Max                    | 10  |
| Purity (as Ethyl acetate) %w/w, min. | 99.9  |
| Specific Gravity (27/27 °C)          | 0.895 – 0.898   |
| Acidity (as Acetic acid) %w/w, max   | 0.01  |
| Solubility                           | Freely soluble in alcohol and acetone   |
| Moisture Content %w/w, max           | 0.05  |
| Ethanol Content %w/w, max            | 0.05  |
| Packaging                            | Bulk in Tankers, 180kg in MS Drums, 205 kg HMHDPE Drum, ISO Tanks, IBCs   |
| Application                          | In Printing Inks, In manufacture of Paints & Coatings<br>In Laminates, Flexible packaging, and Aluminum foils<br>In manufacture of pesticides, pharmaceuticals, Adhesives, In organic synthesis |
| CAS No.                              | 141-78-6  |
| HS Code                              | 29153100  |
| EINECS No.                           | 205-500-4   |
| Synonyms                             | Ethyl Ethanoate, Acetic acid ethyl ester, Acetoxyethane,  |
| Molecular Formula                    | C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>  |
| Chemical Structure                   |   |
| Molecular Weight                     | 88.1  |

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to [info@asia-petrochem.com](mailto:info@asia-petrochem.com)

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