

# Technical Data Sheet

## Eastman™ 2-Ethylhexanoic Acid

### Applications

- Auto oem
- Cosmetic and personal care intermediate
- Paints & coatings
- Pharmaceutical chemicals

### Product Description

Eastman™ 2-Ethylhexanoic Acid is a colorless, high boiling liquid having a mild odor. The metallic salts of Eastman™ 2-ethylhexanoic acid are used as driers for odorless paints, inks, varnishes, and enamels. Cobalt and manganese are the most important driers.

### Typical Properties

| Property                        | Typical Value, Units                          |
|---------------------------------|---|
| <b>General</b>                  |   |
| Molecular Weight                | 144.22  |
| Empirical Formula               | C <sub>8</sub> H <sub>16</sub> O <sub>2</sub> |
| Form                            | Liquid  |
| Color                           |   |
| Pt-Co                           | 5   |
| Specific Gravity<br>@ 20°C/20°C | 0.908   |
| Assay                           | 99.8 wt %                                     |
| Boiling Point                   | 223 °C (433 °F)                               |
| Freezing Point                  | -118 °C (-180 °F)                             |
| Vapor Pressure<br>@ 20°C        | <0.01 mm Hg                                   |
| Refractive Index                | 1.425 n(20°C/D)                               |
| Viscosity<br>@ 25°C             | 7 cP  |
| Solubility                      |   |
| in Water, @ 25°C                | 0.25 wt %                                     |
| Water In, @ 25°C                | 1.23 wt %                                     |
| Flash Point                     |   |
| Pensky-Martens Closed Cup       | 118 °C (245 °F)                               |
| Fire Point                      | 121 °C (250 °F)                               |
| Autoignition Temperature        | 371 °C (700 °F)                               |

### Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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