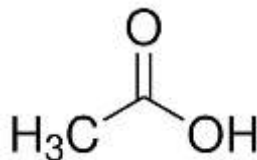


## Product Information

### ACETIC ACID GLACIAL 99.5 % EKTRAPURE

Methane carboxylic acid, Ethanoic acid.



|                   |                      |                  |             |
|-------------------|----------------------|------------------|-------------|
| Product Code      | A-2001               | Grade            | Extra Pure  |
| Purity            | 99,5 %               | CAS No           | 64-19-7     |
| Molecular Formula | CH <sub>3</sub> COOH | Molecular Weight | 60.05 g/mol |
| H.S.Code          | 2915.2100            | Shelf Life       | 60 Months   |

### Physical Properties

|                                    |                        |                                                       |                                  |
|------------------------------------|------------------------|-------------------------------------------------------|----------------------------------|
| Physical state at 20 °C            | Liquid                 | Vapour pressure [20°C]                                | 20,79 hPa at 25 °C               |
| Colour                             | Clear Colorless        | Vapour density                                        | 2.07                             |
| Odour                              | Stinging               | Relative density [g/cm <sup>3</sup> ]                 | 1,049 g/cm <sup>3</sup> at 25 °C |
| pH value                           | 2,5 at 50 g/l at 20 °C | Solubility in water [% weight]                        | 602,9 g/l at 25 °C at 1.013 hPa  |
| Melting point/ Freezing point [°C] | 16.2 °C                | Partition coefficient Log Pow octanol / water at 25°C | 0.17                             |
| Auto-ignition temperature [°C]     | 463 °C                 | Explosion limits - upper [%]                          | 19.9 %                           |
| Flash point [°C]                   | 39 °C                  | Explosion limits -lower [%]                           | 4 %                              |
| Boiling point [°C]                 | 117- 118 °C            |                                                       |                                  |

### Packaging

500 ml

### Specification

|                                              |                                 |
|----------------------------------------------|---------------------------------|
| Appearance                                   | Clear colourless                |
| Assay ( acidimetric)                         | min 99.7 %                      |
| Wt.per ml at 20 °C                           | 1.048 – 1.050 g/cm <sup>3</sup> |
| Colour                                       | max 10 Hazen                    |
| Acetaldehyde (CH <sub>3</sub> CHO)           | max 0.0002 %                    |
| Acetone (CH <sub>3</sub> COCH <sub>3</sub> ) | max 0.0001 %                    |

## Safety Information and Hazard Symbols



Symbol: GHS02, GHS05

Signal Word: Danger

UN No.: 2789

IMCO Class No.: 8,3

Packing Group: II

Hazardous Statement: H226-H314

Precaution Statement: P210+P361+P353-P305+P351+P338+P310