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## Typical Product Specifications & Properties

# 2-octen-4-one

CAS Number: : 4643-27-0

| Specifications   | Limits                                                                                 |
|------------------|----------------------------------------------------------------------------------------|
| Appearance       | colorless to pale yellow clear liquid                                                  |
| Odor Type        | yeasty                                                                                 |
| Taste            | green earthy, horseradish, anchovy, ketonic, onion, musty, bready, mushroom, fermented |
| Assay            | 98.00 to 100.00 %                                                                      |
| logP (o/w)       | 2.16                                                                                   |
| Specific gravity | 0.84500 to 0.85300 @ 25.00 °C                                                          |
| Pounds/Gallon    | 7.031 to 7.098                                                                         |
| Refractive Index | 1.44000 to 1.44800 @ 20.00 °C                                                          |
| Boiling Point    | 179.00 to 180.00 °C. @ 760.00 mm Hg                                                    |
| Vapor Pressure   | 0.897000 mm/Hg @ 25.00 °C                                                              |
| Flash Point      | 136.00 °F.TCC                                                                          |
| Shelf Life       | 12 month(s) or longer if stored properly                                               |



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| Specifications     | Limits                                                                               |
|--------------------|--------------------------------------------------------------------------------------|
| Storage            | store in cool, dry place in tightly sealed containers, protected from heat and light |
| Odor               | Yeasty, fruity, mushroom, metallic, bready, pineapple, horseradish, earthy           |
| Insolubility       | in water                                                                             |
| Molecular weight   | 126.198                                                                              |
| Color              | colorless to pale yellow liquid                                                      |
| Solubility         | alcohol                                                                              |
| Chemical Structure |                                                                                      |



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