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|  synerzine TM | Title: | P712A Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 001 |
| | Status: | ACTIVE | Date Issued: | 05/31/2018 |

Product Identifiers

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|------------------|-------------------|--------|-----------|
| Product Name: | 2-ACETYL PYRIDINE | | |
| Synerzine Item # | P712A | CAS # | 1122-62-9 |
| | | FEMA # | 3251 |

Material Properties

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|-------------------|--------|----------------------|--------|
| Molecular Formula | C7H7NO | Flash Point (°F, CC) | 164 |
| Molecular Weight | 121.14 | Boiling Point | 193°C |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | In water, slightly soluble. 11.6g. in 100 ml. at 20°C |
| Storage and Stability | Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration. |
| Handling Precautions | Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame. |

Specified Critical Limits

| Critical Property | Test Method | UOM | Lower Limit | Upper Limit |
|-------------------|-------------------------|--------------------------|----------------------|-------------|
| Color | Visual Analysis | None | Colorless | Yellow |
| Odor | Organoleptic Analysis | None | Popcorn, heavy, oily | |
| Chemical Purity | Gas Chromatography | % | 99.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.075 | 1.095 |
| Refractive Index | Refractometric Analysis | nD20 | 1.520 | 1.530 |

Notes

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This specification was generated electronically, and is therefore unsigned.