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## Typical Product Specifications & Properties

# ABIETIC ACID

CAS Number: : 514-10-3

| Specifications   | Limits                                                                                                                                           |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight | 302.45                                                                                                                                           |
| EINECS           | 208-178-3                                                                                                                                        |
| InChI            | 1S/C20H30O2/c1-13(2)14-6-8-16-15(12-14)7-9-17-19(16,3)10-5-11-20(17,4)18(21)22/h7,12-13,16-17H,5-6,8-11H2,1-4H3,(H,21,22)/t16?,17?,19?,20-/m0/s1 |
| InChIKey         | RSWGJHLUYNHPMX-CSPVLLTOSA-N                                                                                                                      |
| Merck            | 14,7                                                                                                                                             |
| Water solubility | Soluble in acetone, petroleum ether, diethyl ether and ethanol. Insoluble in water.                                                              |
| Sensitive        | Air Sensitive                                                                                                                                    |
| Solubility       | Soluble in alcohols, acetone and ethers                                                                                                          |
| Density          | 1.06                                                                                                                                             |
| Stability        | Stable. Combustible. Incompatible with strong oxidizing agents.                                                                                  |
| Flash Point      | 208?                                                                                                                                             |
| Boiling Point    | 440?                                                                                                                                             |



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| Specifications      | Limits     |
|---------------------|------------|
| BRN Number          | 2221451    |
| Melting Point       | 139-142 °C |
| Storage Temperature | 2-8°C      |



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