



SPECIFICATION SHEET

VERSION 6

VERSION DATE 30/11/07

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|-------------------------------|--------------------------------------|
| PRODUCT | ISOAMYL ALCOHOL, NATURAL |
| IUPAC NAME | 3-METHYL-1-BUTANOL |
| SYNONYMS | ISOBUTYL CARBINOL, ISOPENTYL ALCOHOL |
| PART OF THE PLANT | FUSEL OIL |
| FORMULA | C ₅ H ₁₂ O |
| MOLECULAR WEIGHT | 88 |
| CAS | 123-51-3 |
| EINECS | 204-633-5 |
| FEMA | 2057 |
| CoE | 51 |
| FDA | 172.515 |
| TARIFF NUMBER | 2905190098 |
| KOSHER CERTIFICATE | AVAILABLE ON REQUEST |
| FOOD GRADE CERTIFICATE | AVAILABLE ON REQUEST |
| REACH REGISTRATION NO. | 01-2119493725-26 |

SPECIFICATIONS

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|---|---|
| ASPECT AT 20°C | CLEAR MOBILE LIQUID |
| COLOUR | COLORLESS |
| ODOUR | CHOKING, ALCOHOLIC, WINEY, FRUITY |
| TASTE | WINEY, COGNAC, BRANDY |
| DENSITY 25/25 | 0,808– 0,815 |
| REFRACTIVE INDEX n_D20 | 1,405 – 1,41 |
| BOILING POINT (°C) | 131 - 133 |
| MELTING POINT (°C) | - 147 |
| FLASH POINT (°C) | 42 |
| ASSAY (%GC) | ISOMER 1 >70%; ISOMER 2 < 30%; SUMA >99% |
| ACID VALUE (mg KOH/mg) | - |
| SOLUBILITY | SOLUBLE IN WATER 1,7% pw (20°C) |
| VAPOUR PRESSURE | 3 hPa (20 °C) |
| OTHER SOLUBILITIES | SOLUBLE IN ETHANOL. |
| OTHER TECHNICAL DATA | 3-METHYL-1-BUTANOL >70%; 2-METHYL-1-BUTANOL < 30% |



CHEMDONE
FROM IDEA TO PRODUCTION

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

