



SPECIFICATION SHEET

VERSION 2

VERSION DATE 03/02/14

PRODUCT BENZALDEHYDE, NATURAL
IUPAC NAME BENZALDEHYDE,
SYNONYMS BENZENECARBONAL/
BENZENECARBONAXALDEHYDE

PLANT OF ORIGIN Cinnamomum cassia L.
PART OF THE PLANT Bark and branch
FORMULA C₇H₆O
MOLECULAR WEIGHT 106
CAS 100-52-7
EINECS 202-860-4
FEMA 2127
CoE 101
FDA 182.60
TARIFF NUMBER 2912210000
KOSHER CERTIFICATE AVAILAIBLE ON REQUEST
FOOD GRADE CERTIFICATE AVAILAIBLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration
(imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR ALMOND-LIKE
DENSITY AT 20°C (g/ml) 1,041 – 1,046
REFRACTIVE INDEX n_D20 1,544 – 1,546
BOILING POINT (°C) 179 (760mm Hg); 112,5(100mm)
MELTING POINT (°C) - 26
FLASH POINT (°C) 64
ASSAY (%GC) > 98
ACID VALUE (mgKOH/g) < 5
SOLUBILITY SOLUBILITY IN WATER 0,6 %
VAPOUR PRESSURE 0,75 mm Hg 20°C ; 10mm Hg 62°C
OTHER SOLUBILITIES SOLUBLE IN ETHANOL



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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE. KEEP IN INERTED ATMOSPHERE.

