



SPECIFICATION SHEET

VERSION 1

VERSION DATE 06/06/12

PRODUCT	BENZYL ALCOHOL, NATURAL
IUPAC NAME	BENZYL ALCOHOL
SYNONYMS	PHENYL CARBINOL PHENYLMETHANOL
PLANT OF ORIGIN	Cinnamomum cassia L.
PART OF THE PLANT	Bark and branches
FORMULA	C ₇ H ₈ O
MOLECULAR WEIGHT	108,14
CAS	100-51-6
EINECS	202-859-9
FEMA	2137
CoE	58
FDA	172.515
TARIFF NUMBER	2906210000
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	Exempt from registration (product to be used exclusively in flavours)

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	FRUITY, MILD, SWEET
DENSITY A 20°C (g/ml)	1,043 – 1,049
DENSITY 25/25	1,042 – 1,047
REFRACTIVE INDEX n_D20	1,539 – 1,541
BOILING POINT (°C)	203 - 205
MELTING POINT (°C)	-16 /-13
FLASH POINT (°C)	96
ASSAY (%GC)	> 99
SOLUBILITY	1 ml in 30 ml water
VAPOUR PRESSURE	0125hPa (25°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL, CHLOROFORM AND ETHER



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. INERT WITH NITROGEN FOR AVOIDING FORMATION OF BENZALDEHYDE AND DEVELOPING OF COLOUR.

