



SPECIFICATION SHEET

VERSION 1

VERSION DATE 24/11/11

PRODUCT	ALPHA PINENE, NATURAL
IUPAC NAME	2,6,6-TRIMETHYL BICYCLO-(3,1,1)-HEPT-2-ENE
SYNONYMS	2-PINENE, PIN-2(3)-ENE, LEVO-ALPHA-PINENE
PLANT OF ORIGIN	Pinus spp.
PART OF THE PLANT	DISTILLATION OF TURPENTINE OBTAINED FROM PINE
FORMULA	C ₁₀ H ₁₆
MOLECULAR WEIGHT	136
CAS	80-56-8
CAS 2	7785-26-4
EINECS	201-291-9
EINECS 2	232-077-3
FEMA	2902
CoE	2113
FDA	172.515
TARIFF NUMBER	2902190000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	Not available. Substance lawfully placed in the EU market before 1.June 2018

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	PINE, CAMPHORACEOUS, EARTHY
DENSITY AT 20°C (g/ml)	0,855 – 0,865
REFRACTIVE INDEX n_{D20}	1,462 – 1,467
OPTICAL RATATION (°)	-38 / -15
BOILING POINT (°C)	166 °C
MELTING POINT (°C)	-
FLASH POINT (°C)	34
ASSAY (%GC)	> 95
ACID VALUE (mgKOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
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 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE. KEEP AWAY FROM SOURCES OF IGNITION.

