

SPECIFICATION SHEET

VERSION 3 VERSION DATE 19/09/22 PRINT DATE 16/02/25

PRODUCT MUSC CETONE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 3,5-DINITRO-2,6-DIMETHYL-4-TERTBUTYLACETOPHENONE
SYNONYMS 3,5-DINITRO-2,6-DIMETHYL-4-TERT-BUTYLACETOPHENONE

FORMULA $C_{14}H_{18}N_2O_5$
MOLECULAR WEIGHT 294
CAS 81-14-1
EINECS 201-328-9
TARIFF NUMBER 2914790060
KOSHER CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CRYSTALLINE POWDER
COLOUR PALE YELLOW
ODOUR SWEET, PERSISTENT, MUSK TYPE
DENSITY AT 20°C (g / ml) -
DENSITY 25/25 -
REFRACTIVE INDEX nD20 -
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 0
MELTING POINT (°C) 134 - 137
FLASH POINT (°C) 101
ASSAY (% GC) > 99 (MUSK XYLOL < 0,1)
ACID VALUE (mg KOH/g) -
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES POORLY SOLUBLE IN ETHANOL.

OTHER TECHNICAL DATA 4'-TERT-BUTYL-2',6'-DIMETHYL-3',5'-DINITROACETOPHENONE

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.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

PRODASYNTH SAS

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