

SPECIFICATION SHEET

VERSION 3 VERSION DATE 19/09/22 PRINT DATE 01/09/24

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 ₂ O ₅
MOLECULAR WEIGHT	294
CAS	81-14-1
EINECS	201-328-9
TARIFF NUMBER	2914790060

SPECIFICATIONS

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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