

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 14/03/08 **PRINT DATE** 02/07/22

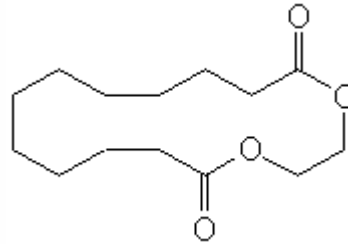
PRODUCT ZENOLIDE IFF
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME 1,4-DIOXACYCLOHEXADECANE-5,16-DIONE
SYNONYMS MUSK 144,MUSK C14,MC-4,ETHYLENE DODECANEDIOATE

FORMULA C14 H24 O4
MOLECULAR WEIGHT 256,34
CAS 54982-83-1

EINECS 259-423-6

TARIFF NUMBER 2932209090
KOSHER CERTIFICATE AVAILABLE ON REQUEST

REACH REGISTRATION NO. 01-2119524000-64



SPECIFICATIONS

ASPECT AT 20°C	LIQUID / SOLID
COLOUR	COLORLESS
ODOUR	MUSK,ANIMAL,SOFT,RED FRUIT
TASTE	
DENSITY AT 20°C (g / ml)	1,054 - 1,062
DENSITY 25/25	1,053 - 1,061
REFRACTIVE INDEX nD20	1,4700 - 1,4740
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	-
MELTING POINT (°C)	CA. 16-19°C
FLASH POINT (°C)	185,00
ASSAY (% GC)	MAJOR PEAK > 95%, PEAK 2 < 3%
ACID VALUE (mg KOH/g)	< 0,5
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 36 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
ASSURE COMPLETE MELTING BEFORE USE. HEAT GENTLY IF NECESSARY.

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.