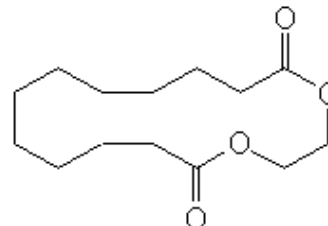


SPECIFICATION SHEET

PRODUCT	ZENOLIDE IFF
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	1,4-DIOXACYCLOHEXADECANE-5,16-DIONE
SYNONYMS	MUSK 144,MUSK C14,MC-4,ETHYLENE DODECANEDIOATE
FORMULA	C ₁₄ H ₂₄ O ₄
MOLECULAR WEIGHT	256,34
CAS	54982-83-1
EINECS	259-423-6
TARIFF NUMBER	2932209090
KOSHER CERTIFICATE	AVAILABLE ON REQUEST



SPECIFICATIONS

VERSION	1	VERSION DATE	19/09/22
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ASPECT AT 20°C	LIQUID / SOLID
COLOUR	COLORLESS
ODOUR	MUSK,ANIMAL,SOFT,RED FRUIT
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
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

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.