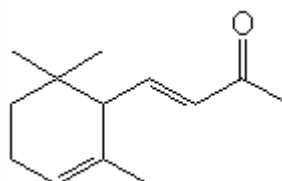


SPECIFICATION SHEET

VERSION	4,00	VERSION DATE	19/09/22	PRINT DATE	02/05/24
PRODUCT	IONONE ALPHA 50% NATURAL				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2ONE				
SYNONYMS	ALPHA-CYCLOCITRYLIDENEACETONE				
PLANT OF ORIGIN					
PART OF THE PLANT					
FORMULA	C ₁₃ H ₂₀ O				
MOLECULAR WEIGHT	192,00				
CAS	127-41-3				
EINECS	204-841-6				
FEMA	2594				
TARIFF NUMBER	2914230000				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				
REACH REGISTRATION NO.	On request. REACH and non-REACH material available for this product.				



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID		
COLOUR	COLORLESS TO PALE YELLOW		
ODOUR	SWEETISH, BERRY, RASPBERRY		
TASTE			
DENSITY AT 20°C (g / ml)	0,860	-	0,880
DENSITY 25/25		-	
REFRACTIVE INDEX n_D20	1,4200	-	1,4400
REFRACTIVE INDEX n_D25		-	
OPTICAL ROTATION (°)	-5,00	/	5,00
BOILING POINT (°C)		-	
MELTING POINT (°C)		-	
FLASH POINT (°C)		14,00	
ASSAY (% GC)	ALPHA IONONE: 50/ETHANOL NAT. 40/ETHYL AC. NAT:10		
ACID VALUE (mg KOH/g)		-	
SOLUBILITY	PARTLY SOLUBLE IN WATER		
VAPOUR PRESSURE	NOT DETERMINED		
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL		
OTHER TECHNICAL DATA	Obtained from Carrot oleoresin which contain alpha and beta-Carotenes which are split and then purified by distillation.		

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

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.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.