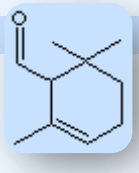
alpha-CYCLOCITRAL

SYNONYMS

2,6,6-Trimethylcyclohex-2-ene-1-carbaldehyde; 2,6,6-Trimethyl-2-cyclohexene-1-carbaldehyde; FEMA No.:3639; FL. No.:05.182;



PRODUCT IDENTIFICATION

CAS RN	432-24-6
EINECS RN	207-080-8
FORMULA	$C_{10}H_{16}O$
MOLE WEIGHT	152.23

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	yellowish clear liquid
MELTING POINT	
BOILING POINT	196 – 197 C
DENSITY	0.935
SOLUBILITY IN WATER	Insoluble (soluble in alcohol)
pH	
VAPOR DENSITY	
REFRACTIVE INDEX	1.4740 - 1.4750
FLASH POINT	64 C

OTHER INFORMATION

Safranal (2,6,6-trimethyl-1,3-cyclohexadiene-1-carboxaldehyde) is an important odor constituent derived from carotenoids. Together with 2-hydroxy-4,4,6-trimethyl-2,5-cyclohexadien-1-one safranal is the main ingredient primarily responsible for the aroma of saffron characterized by hay-like fragrance. Safranal is also believed to have pharmacological activities of anticonvulsant, antioxidant and antidepressant effects. Cyclocitral is an analogue of Safranal which is the dehydro form of beta-cyclocitral. They are valuable ingredients in perfumery applications. Ionones, Damascones, Damascenones derived from carotenoids are also very important ingredients used in the creation of new type perfumes.

SALES SPECIFICATION

APPEARANCE	yellowish clear liquid
ASSAY	90.0% min
REFRACTIVE INDEX	1.4740 - 1.4750

PACKING

PRICE