

PRODUCT SPECIFICATION

Product	: ORTHO TERTIARY BUTYL CYCLOHEXYL ACETATE (OTBCHA)		
Product Code	: 1000000003		
Chemical Name	: 2-tert-Butyl Cyclohexyl Acetate		
Synonyms	: Cyclohexanol, 2-(1,1-dimethyl ethyl) acetate OR 2-(1,1-dimethyl ethyl) Cyclohexyl acetate OR o-tert-Butylcyclohexyl Acetate OR Yalanate Ortho OR Agrumex OR Verdox OR Ortholate OR Green Acetate		
CAS NO.	: 88-41-5	FORMULA	: C ₁₂ H ₂₂ O ₂
EC No. (EINECS)	: 201-828-7	H.S CODE	: 2915.39.90
Molecular Weight	: 198.3	Flash Point	: 97°C
Odour	: Fresh, Fruity, Woody, Floral, Camphoraceous.		
Tenacity	: Medium Tenacity		
Intended use	: Perfumery		
Uses Level	: Not Restricted by IFRA		

ANALYTICAL SPECIFICATION

<i>Appearance</i>	: Clear colorless liquid, may solidify below 25°C
<i>Olfactory</i>	: To match standard
<i>Specific Gravity</i>	: 0.9400 - 0.9460 at 20/20°C
<i>Specific Gravity</i>	: 0.9370 - 0.9430 at 25/25°C
<i>Refractive Index</i>	: 1.4500 - 1.4550 at 20°C
<i>Refractive Index</i>	: 1.4480 - 1.4530 at 25°C
<i>Purity (By GC)</i>	: 98.5% min (Σ of 2 isomers),
<i>Cis isomer (By GC)</i>	: 80.0 – 88.0%
<i>Trans isomer (By GC)</i>	: 12.0 – 20.0 %
<i>Acid Value (mg KOH/gm)</i>	: 1.0 max

OTHER INFORMATIONS

Packaging type	: Epoxy lined MS / HMHDPE drums, IBC, ISO tanker (SS316).
Storage	: Store in tightly closed containers, in a cool dry place, protected from sunlight.
Shelf Life	: 2 Year
Additives	: Not added
Caution	: If found solidified do not heat more than 50°C