

HINDUSTAN POLYAMIDES AND FIBRES LTD.

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PRODUCT SPECIFICATION

Product	: PARA TERTIARY BUTYL CYCLOHEXYL ACETATE (PTBCHA)		
Chemical Name	: 4-tert-Butyl Cyclohexyl Acetate		
Synonyms	: Cyclohexanol, 4-(1,1-dimethyl ethyl) acetate OR 4-(1,1-dimethyl ethyl) Cyclohexyl acetate OR p-tert-Butylcyclohexyl Acetate OR Vertenex OR Oryclone OR Woody Acetate OR Lorysia		
CAS NO.	: 32210-23-4	FORMULA	: C ₁₂ H ₂₂ O ₂
EC No. (EINECS)	: 250-954-9	H.S CODE	: 2915.39.99
Molecular Weight	: 198.3	Flash Point	: >100°C
CB Number	: CB7218990		
Odour	: Sweet almost creamy, woody with soft floral undertone.		
Tenacity	: Medium Tenacity		
Intended use	: Perfumery		
Uses Level	: Not Restricted by IFRA		

ANALYTICAL SPECIFICATION

<i>Appearance</i>	: Clear colorless liquid,
<i>Olfactory</i>	: To match standard
<i>Specific Gravity</i>	: 0.9350 - 0.9390 at 20/20°C
<i>Specific Gravity</i>	: 0.9320 - 0.9360 at 25/25°C
<i>Refractive Index</i>	: 1.4500 - 1.4540 at 20°C
<i>Refractive Index</i>	: 1.4480 - 1.4520 at 25°C
<i>Purity (By GC)</i>	: 98.5% min (Σ of 2 isomers),
<i>Cis isomer (By GC)</i>	: 28.0 – 32.0%
<i>Trans isomer (By GC)</i>	: 70.0 – 72.0 %
<i>Acid Value (mg KOH/gm)</i>	: 1.0 max
<i>Moisture content</i>	: 0.1 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
