

KLJ GROUP



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SETTING
NEW
MILESTONES IN
BENZYL
PRODUCTS

... sustaining life with material footprints

www.kljindia.com

SOLUTIONS IN BENZ PRODUCTS



KANABENZ PLANT
World class plant strategically located in India with installed capacity of over 15,000 tpa & expanding

RANGE OF BENZ PRODUCTS
Benzyl Alcohol
Benzaldehyde
Benzyl Chloride

***UPCOMING PRODUCTS**
Sodium Benzoate*
Benzyl Benzoate*
Benzyl Acetate*
Cinnamic Aldehyde*
Di-Benzyl Ether*



Trust Built on Performance

KANABENZ - BOH [BENZYL ALCOHOL]

SPECIFICATION

Characteristics	Unit	Test Method	BOH [TECH]	BOH [FR]
Appearance	-	Visual	Clear Liquid	Clear Liquid
Color	APHA	Tintometre	10 (max)	10 (max)
Odor	-	Smell	-	Faint Floral
Assay (GLC)	% by area	KLJTM	99.60% (min)	99.60% (min)
Specific Gravity (25°C)	-	ASTM-D-1045-86	1.042 - 1.046	1.042 - 1.046
Refractive Index (20°C)	-	ASTM-D-1045-86	1.538 - 1.541	1.538 - 1.541
Benzaldehyde Content	%	KLJTM	0.10% (max)	0.10% (max)
Di-Benzyl Ether Content	%	KLJTM	0.10% (max)	0.10% (max)
Water Content	%	Karl Fischer	0.10% (max)	0.10% (max)
Acid Value	mg KOH / gm	ASTM-D-1045-86	0.10 (max)	0.10 (max)

- APPLICATIONS**
- INKS
 - PAINTS
 - EPOXY HARDENER
 - CONSTRUCTION CHEMICALS
 - PHARMACEUTICALS
 - PERFUMERY AND FLAVORING
 - COSMETICS
 - PRESERVATIVES

REACH registered



KANABENZ - BCHO [BENZALDEHYDE]

SPECIFICATION

Characteristics	Unit	Test Method	BCHO	BCHO [TECH]	BCHO [PURE]
Appearance	-	Visual	Clear Liquid	Clear Liquid	Clear Liquid
Color by Tintometer	APHA	Tintometer	50 (max)	30 (max)	30 (max)
Odor	-	Smell	Bitter Almond	Bitter Almond	Bitter Almond
Purity (GLC)	% by area	KLJTM	99.50% (min)	99.50% (min)	99.50% (min)
Low Boiling Imp. (GLC)	% by area	KLJTM	0.10% (max)	0.10% (max)	0.10% (max)
High Boiling Imp. (GLC)	% by area	KLJTM	0.40% (max)	0.40% (max)	0.40% (max)
Specific Gravity (25°C)	-	ASTM-D-1045-86	1.040 - 1.045	1.040 - 1.045	1.040 - 1.045
Acidity (as Benzoic Acid)	%	KLJTM (Chemical Titration)	0.50% (max)	0.50% (max)	0.50% (max)
Chloride Content (FFC Grade)	ppm	KLJTM	-	-	50 (max)

- APPLICATIONS**
- CINNAMALDEHYDE
 - ALPHA AMYL CINNAMALDEHYDE
 - CINNAMIC ALCOHOL
 - ROSE CRYSTALS
 - META PHENOXY BENZALDEHYDE
 - MALACHITE GREEN
 - CONGO RED
 - CONGO SCARLET

REACH registered

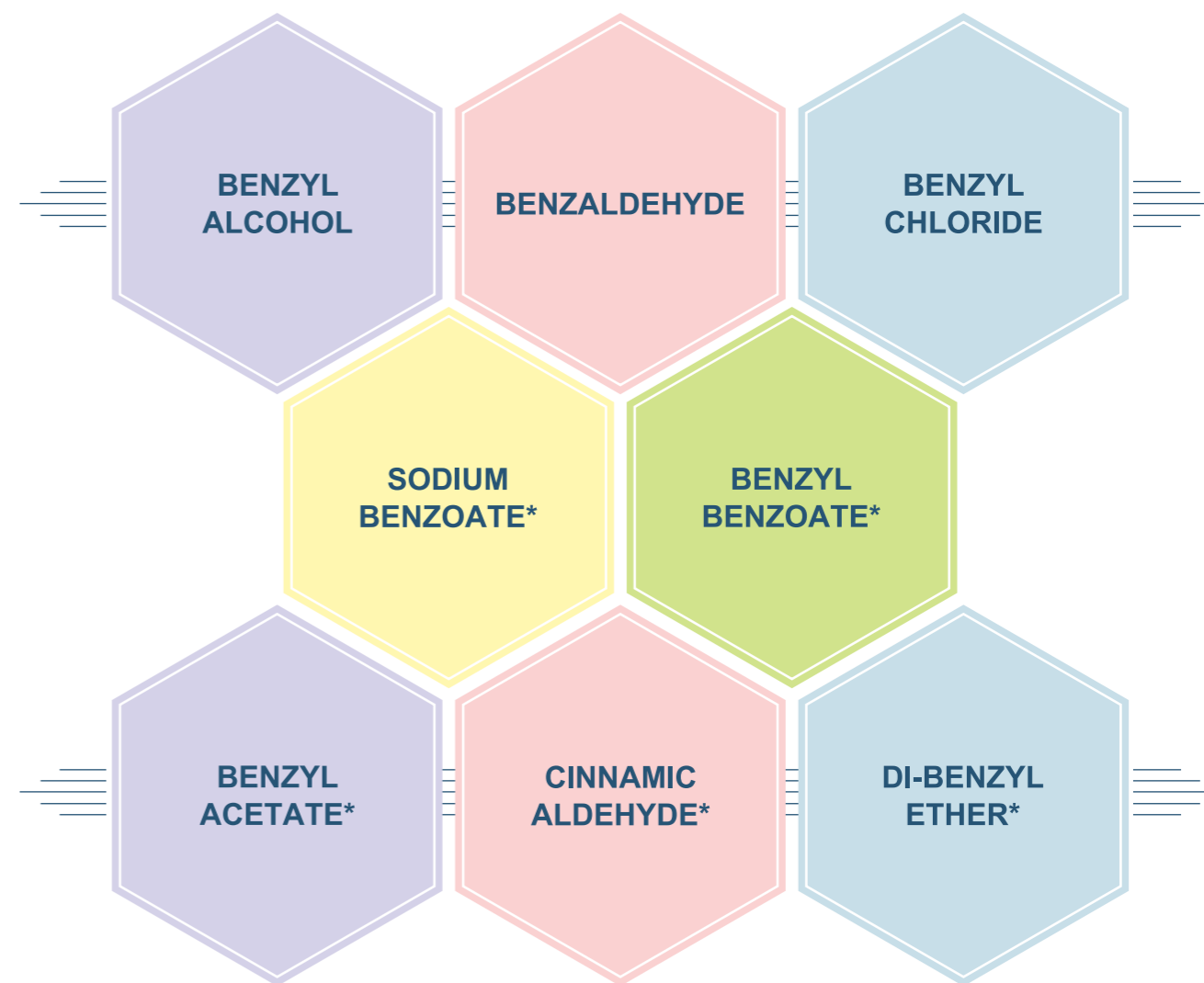
KANABENZ - BCL [BENZYL CHLORIDE]

SPECIFICATION

Characteristics	Unit	Test Method	BCL
Appearance	-	Visual	Colorless Clear Liquid
Color	APHA	Tintometer	20 (max)
Odor	-	Smell	Sharp Pungent
Purity (GLC)	% by area	KLJTM	99.50% (min)
Low Boiling Imp. (GLC)	% by area	KLJTM	0.20% (max)
High Boiling Imp.(GLC)	% by area	KLJTM	0.30% (max)
Specific Gravity (27°C)	-	ASTM-D-1045-86	1.094 - 1.095

- APPLICATIONS**
- DYES
 - PHARMACEUTICALS
 - DRUG INTERMEDIATES
 - PHOTOGRAPHIC DEVELOPER
 - BENZYL COMPOUNDS
 - PENICILLIN PRECURSORS
 - SYNTHETIC TANNINS
 - GASOLINE GUM
 - PERFUMERY
 - INHIBITORS
 - QUATERNARY AMMONIUM COMPOUNDS

SOLUTIONS IN BENZ PRODUCTS



*Upcoming Products