



TECHNICAL DATA SHEET

SECTION 1. PRODUCT IDENTIFICATION

Product name	BENZALDEHYDE NAT
Synonym(s)	Benzenecarboxaldehyde, Phenylmethanal, Benzoic aldehyde
Botanical name	Cinnamomum Cassia
Origin country	Vietnam
Cas no.	100-52-7
Einecs no.	202-860-4
Status	Natural

SECTION 2. PRODUCTION PROCESS

Manufacturing	Alkaline hydrolysis of Cinnamic Aldehyde and purify by fractional distillation
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SECTION 3. COMPOSITIONS AND INGREDIENTS

Content	Min. 99.0% Benzaldehyde
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SECTION 4. CHEMICAL AND PHYSICAL PROPERTIES

Appearance	Liquid
Color	Colorless or yellowish
Odor	Almond-like
Flash point	62.8 °C Closed-cup
Specific gravity	1.044 to 1.056 @ 20 °C
Refractive Index	1.544 to 1.547@ 20 °C
Appearance	Liquid

SECTION 5. HANDLING AND STORAGE

Handling	Avoid breathing dust/fume/gas/mist/vapors/spray
Storage conditions	Not above 25 °C
Product duration	24 months
Packing	200 KGS HDPE Drum

