



**Technical Data Sheet**

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**RiKAFAST<sup>®</sup> AC**  
Sorbitol based clarifying agent for polypropylene

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**Product Description** RiKAFAST AC is a cost effective high performance sorbitol based clarifier for polypropylene homopolymer and random copolymer that imparts superior clarity and enhanced physical properties.

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**Chemical Name** Main constituent 1:3,2:4 Di(methylbenzylidene) sorbitol

**CAS Number** 81541-12-0, 54686-97-4

**Molecular Weight** 386.5

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**Applications** Conversion: Injection Moulding, Blow Moulding, Thermoforming  
End product: Packaging, houseware articles, food containers, cups, bottles, trays

**Features / Benefits** RiKAFAST AC is a blended product that utilises patented low melt technology allowing easier incorporation in the molten state during compounding. In addition RiKAFAST AC has very low aldehyde emissions during compounding and injection moulding resulting in excellent organoleptic properties. Increased crystallinity temperature also enables shorter moulding cycles.

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**Guidelines for use** RiKAFAST AC is used in concentration between 0.3% and 0.5% in polypropylene homopolymer and random copolymer.  
Recommended processing temperature range: 190 - 230°C  
Best suitable polymer: Polypropylene

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**Physical properties**     Physical form: White powder  
Melting range: 200 - 220 °C  
Bulk Density: 0.2 - 0.4 g/cm<sup>3</sup>

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**Handling & Safety**     In accordance with good industrial practice handle with care and prevent contamination of the environment.  
Avoid dust formation and ignition sources.  
For more detailed information, refer to the MSDS.

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**Registration**             RiKAFAST AC is listed in the following inventories:  
Europe: ELINCS / REACH             Australia: AICS  
USA: TSCA                                 Korea: ECL  
Japan: MITI                                 China: IECSC  
Canada: DSL & NDSL                     Philippine: PICCS

RiKAFAST AC is approved in many countries for use in food contact applications. For detailed information contact our sales office.

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