



Wellgo Chemical Technology Co., LTD
ACETEM 2090
(Acetylated Mono- and Diglycerides)

PRODUCT NAME ACETEM 2090
PRODUCT TYPE Emulsifier, food grade

E number: E472a

CHEMICAL/PHYSICAL SPECIFICATIONS

Degree of Acetylation	90	%
Acid value	≤ 6.0	mg KOH/g
Free glycerol	≤ 7.0	%
Saponification value	350 ~ 400	mg KOH/g
Melting point	25 ~ 30	°C
Reichert-Meissl Value	75~200	
Iodine value	≤ 2.0	gI/100g
Form	Liquid	
Color	Light Yellow	

HEAVY METAL SPECIFICATIONS

Arsenic	≤ 3	mg/kg
Lead	≤ 2	mg/kg
Mercury	≤ 1	mg/kg
Cadmium	≤ 1	mg/kg
Heavy Metal as Pb	≤ 10	mg/kg

APPLICATION AREAS:

1. ACETEM can form a kind of films which can be used as a stable coating material for foodstuffs such as Sausages or Confectionery for avoid moisture loss and fat oxidation.used for food coating preservation
2. When the degree of acetylation more than 90%,the form of ACETEM is liquid under standard conditions and they can offer good lubrication properties.Therefore,ACETEM can be used as lubricants in food processing industry.
3. ACETEM has the function of maintaining the alpha-crystal shape of fat, strengthening and stabilizing the foam, ensuring the aeration of high-fat foods (such as ice cream, cream, foaming desserts, etc.), and controlling the fat crystallization of shortening;

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ADD:1-306 Xinle yuan Xinkang Garden of Xintang town ,Guangzhou City,
Guangdong P.R.China

Tel: +86 20 32919657

Fax: +86 20 32919369

Web: www.wellgochem.com

Email: info@wellgochem.com sales@wellgochem.com

REGULATORY

US FDA 172.828 & E472a & Local Food Regulations

ADDITIONAL SAFETY INFORMATION

A Material Safety Data Sheet is available on request.

PACKAGING, STORAGE AND TRANSPORTATION

Packaging:	Net weight: 25kg OR 200kg / Plastic drum
Shelf Life:	18 months in unopened original packaging under the storage conditions. (from date of production)
Storage:	Avoid sunlight, rain. Store in unbroken packaging at the cool, dry and well-ventilated place. The storage temperature should below 40°C.
Transportation:	Keep safety of the packaging in the transportation.

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