



Wellgo chemical technology Co., LTD
DATEM
(Diacetyl Tartaric Acid Esters of Mono- and Diglycerides)

PRODUCT NAME WELLGO DATEM

PRODUCT TYPE Emulsifier, food grade

CAS No.: 100085-39-0

E No.: E472e

COMPOSITION AND DESCRIPTION

Component	Percentage	Color	White to off-white
DATEM	80%	Odor	Slightly of acetic acid
Free flowing agent	20%	Appearance	Powder

CHEMICAL/PHYSICAL SPECIFICATIONS

(on the DATEM part)

Acid value	55 – 80	mg KOH/g
Saponification value	380 – 425	mg KOH/g
Iodine value	≤ 2	gI/100g

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:

Bread: DATEM 1226-A can increase the volume of the bread effectively.

Cake: DATEM 1226-A provides the excellent emulsion properties and can improve the cake crumb structure.

Biscuits: DATEM 1226-A can improve the texture and can replace some percentage of fat without the loss of taste in biscuits.

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REGULATORY

USFDA 184.1101, USFDA 582.5191, USFDA 172.480 & E472e, E170, E551

ADDITIONAL SAFETY INFORMATION

A Material Safety Data Sheet is available on request.

PACKAGING, STORAGE AND TRANSPORTATION

Packaging	Aluminized bag vacuum packing with nitrogen inside. Net weight: 25kg/carton (5 bags × 5kg)
Shelf Life (from date of production)	12 months in unopened original packaging under the storage conditions.
Storage	Avoid sunlight, rain. Store in unbroken packaging at the cool, dry and well-ventilated place. The storage temperature should below 25°C to ensure the quality of product.
Transportation	Keep safety of the packaging in the transportation.

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