

Compound Solutions, Inc.

DATA SHEET / SPECIFICATIONS for C-STAT 90 (GMS – Distilled Monoglyceride)

DESCRIPTION: C-STAT 90 is a food grade distilled (high mono) monoglyceride made from vegetable oil.

TYPICAL PROPERTIES

Product form	Beads / Columnar
Monoester content	90% min.
Acid Value	3 max. (KOH mg/g)
Free Acid (as stearic acid)	1.5 max. (%)
Free glycerol	1.0 max. (%)
Iodine Value	3 max. (g/100g)
Melting Point	Approx. 65° C

CAS REGISTRY NUMBER: 31566-31-1

FOOD CONTACT STATUS: Sanctioned for food contact applications under FDA 21 CFR 184.1324, Glycerol monostearate (GRAS). Complies with EU 10/2011 regulations (Reference No. 56585, glycerol esters with stearic acid). Not intended for use as a direct food ingredient.

APPLICATION AREAS: Antistat, mold release agent and processing aid for polyethylene / polypropylene. Cell stabilizer / aging modifier for PE foam. Internal lubricant for PVC.

RECOMMENDED ADDITION RATES: Good antistat, mold release properties will be achieved in polypropylene/polyethylene at a usage rate of 0.1% - 0.5%.

PACKAGING & STORAGE: Standard packaging - 25 kg bags (craft paper/PP woven bag with PE inner bag), 48 bags per pallet, 1,200 kg net weight. Supersacks / fiber drums are also available. Storage should be in unbroken packages in a cool, dry place (less than 30°C), out of direct sunlight. Shelf life is 24 months.

PRODUCT AVAILABILITY: LTL and full TL quantities are shipped from our warehouse in the Charlotte, NC area.

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