

# ***Compound Solutions, Inc.***

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## **DATA SHEET / SPECIFICATIONS for C-STAT 52 (GMS - Mono Diglyceride)**

**DESCRIPTION:** C-STAT 52 is a food grade mono-diglyceride made from vegetable oil.

### **TYPICAL PROPERTIES**

Product form	Beads / Columnar
Monoester content	52% min.
Acid Value	3 max. (KOH mg/g)
Free glycerol	1.0 max (%)
Free acid (as stearic acid)	1.5 max (%)
Iodine Value	3 max. (g/100g)
Melting Point	Approx. 60° C

**CAS REGISTRY NUMBER:** 67701-33-1

**FOOD CONTACT STATUS:** Sanctioned for food contact applications under FDA 21 CFR 184.1505, Mono- and diglycerides (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.

**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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