

Technical Information

ACCUREL® GA 320

ACCUREL® GA 320 is vegetable-based distilled monoglyceride with a high content of glycerol monooleate on a porous linear low-density polyethylene (LLDPE) carrier.

Physical Properties

Melt temperature	approx. 116 °C
Bulk density	390 – 470 kg/m ³
Colour	White/off-white
Delivery form	Pellets
Additive content	70 (± 2) wt%

Application

ACCUREL® GA 320 is used as an antifog agent for polyethylene-based packaging films.

Handling ACCUREL® GA 320 benefits from the low volatility and the high thermal stability of the active ingredient.

Benefits

- Provides hot and cold antifog properties
- suitable for higher processing temperatures
- requires low addition level

Dosage

ACCUREL® GA 320 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

A dosage between 0.3 % and 0.8 % is recommended.

Food Contact Status

EU: EC 10/2011

ACCUREL® GA 320 complies with EU regulation EC 10/2011.

USA: FDA 21 CFR

ACCUREL® GA 320 can be used as an additive in polyolefins in contact with food according to 21 CFR (FDA) Sec. 177.1520 (olefin polymers).

China: GB 9685-2016

ACCUREL® GA 320 is listed with respect to its active standard composition in GB 9685-2016 for use in Adhesive, Coating, Plastic (PP, PE, PS, PVC, PA, PC, ABS, AS, PET, UP) and Rubber with food contact.

Registration Status

ACCUREL® GA 320 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® GA 320 are listed/comply with the following chemical inventories:

EINECS, ENCS, TCCL, IECSC, TCSI

Storage Stability

3 months after date of production under normal good storing conditions. ACCUREL® GA 320 tends to get sticky and to agglomerate with time.

Packaging

25 kg net in a cardboard box with PE inliner
600 kg net (24 x 25 kg). Other options on request.

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® GA 320.

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