Technical Information

July 2012

WF-No. 119633

® = Registered trademark of BASF
in many countries.

Pluriol® E 3350 NF LAX Prill / Lutrol® E 3350 S

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Regulatory status

Lutrol E 3350 S meets the current Ph.Eur Macrogol monograph.
BASF holds CEP 2011-028 for Lutrol E 3350 S.

Pluriol E 3350 Lax prill meets the current USP/NF Polyethylene Glycol monograph.
BASF holds US-DMF #16946 for this product.

Chemical nature

Both PEG 3350 products are polyethylene glycols which a molecular weight of 3350.

Specification

See separate document: “Standard Specification (not for regulatory purposes)“ available via BASF’s WorldAccount: https://worldaccount.basf.com (registered access).

Applications

Polyethylene glycols can be used as thickeners, lubricants, mold release agents, de-foaming agents, softeners, conditioners, antistats, sizing agents and dispersants.

As pharmaceutical active PEG 3350 is the basis of a number of laxatives, which are used for bowel preparation before surgery or colonoscopy.

The mode of action of Polyethylene glycol 3350 is by drawing water into the colon. It is known as a safe osmotic-type laxative.

Patients using Polyethylene glycol 3350 dissolve the powder in a beverage and then drink it.

Typical physical properties

Form	Prill
Average molecular weight	3350
Viscosity, cst at 99 °C	93
Flash point (C.O.C)	254 °C
Solubility in water	>10%
Pour Point, °C	59 °C

Particle size

The particle size distribution of the Polyethylene Glycol Type 3350 products, (Pluriol E 3350 Lax prill and Lutrol E 3350 S), typically is within the range of: 125 µm and 710 µm.

Bulk density

The bulk density and tap density of Polyethylene Glycol 3350 products (Pluriol E 3350 Lax prill and Lutrol E 3350 S), typically is within the range of:

Bulk density: 0.61 g/mL – 0.65 g/mL

Tapped density: 0.66 g/mL – 0.69 g/mL

Toxicology

The toxicological abstracts are available on request.
Individual reports can be shared under secrecy agreement.

PRD- and Article-No.

	PRD-No.	Art.-No.	Packaging
Lutrol E 3350 S	30496428	50179208	700 kg IBC
Pluriol E 3350 NF LAX Prill Polyethylene Glycol	30471633	54673464	91 kg drum
		54673623	816 kg IBC

Stability and storage

BASF will endorse the results on the certificate of analysis for a period of up to two years from the date of manufacture for material in original, unopened, properly stored containers. Beyond two years, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

Handling and Disposal

Please refer to the individual Material Safety Data Sheet (MSDS) for instructions on safe and proper handling and disposal.

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