

Product Data Sheet

PLASTOGEN[®] E



Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-1268
E-Mail: smg@kingindustries.com

PLASTOGEN E is an effective liquid plasticizer and mild processing aid for all elastomers. It is based on a mixture of high molecular weight sulfonic acid and low viscosity mineral oil.

CHEMICAL

COMPOSITION: Alkylaromaticsulfonic acid in a low viscosity mineral oil.

APPEARANCE: Mahogany liquid

TYPICAL

PROPERTIES:	Viscosity, SUS, @ 37.8°C (ASTM D 445, DIN 51 550)	41
	Acid Number (ASTM E 301)	1.1mg KOH/g
	Density @ 15.6°C (ASTM D 4052)	0.88 g/ml
	Weight Per Gallon @ 25°C	7.3 lbs
	Flash Point, COC (ASTM D 92, DIN 51 376)	115°C (239°F)

Note: The above analytical data are not specifications.

APPLICATIONS: All Elastomers

Typical Treat Levels
3 - 15 phr

ADVANTAGES:

- * Effective plasticizer and softener in all elastomers
- * Useful in sponge and low durometer stocks

SOLUBILITY: Soluble in petroleum and synthetic lubricant base stocks and most common solvents. Insoluble in water. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

STANDARD

PACKAGING: 385 lbs (175 kg) closed head drum.

STORAGE

CONDITIONS: Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 46°C (115°F)

(see reverse side)

PLASTOGEN[®] E

- SHELF LIFE:** Best if used within 2 years from the date of manufacture.
- HANDLING:** Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Material Safety Data Sheet (MSDS) for **PLASTOGEN E**.
- REGISTRATION:** Please refer to Section 15 of the Material Safety Data Sheet for information.

For Samples or Technical Service contact King Industries or your King representative.

King Industries, Inc.
Science Road
Norwalk, CT 06852-0588
Tel: 203-866-5551
Fax: 203-866-1268
E-mail: SMG@kingindustries.com

King Industries International, Inc.
Noordkade 64, 2741 EZ Waddinxveen
The Netherlands
Tel: +31-182-631360
Fax: +31-182-621002
E-mail: info@kingintl.nl

PLASTOGEN[®] is a registered trademark of King Industries, Inc.

Issued: 12/05

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. Such testing has not necessarily been done by King Industries, Inc. ("King"). The facts, recommendations and suggestions herein stated are believed to be reliable; however, no guaranty or warranty of their accuracy is made. EXCEPT AS STATED, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. KING SHALL NOT BE HELD LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. Any statement inconsistent herewith is not authorized and shall not bind King. Nothing herein shall be construed as a recommendation to use any product(s) in conflict with patents covering any material or its use. No license is implied or granted under the claims of any patent. Sales or use of all products are pursuant to Standard Terms and Conditions stated in King sales documents.