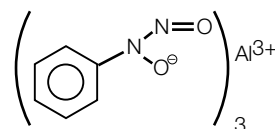


Description

FIRSTCURE ST-1 polymerization inhibitor is used to increase the shelf life of olefinic resins. It is a yellow to brown solution of an inhibitor in a monomer, and tends to darken with age. Because it is typically used at low concentrations in formulated systems, this discoloration does not affect performance and should not affect the final product quality. FIRSTCURE ST-1 polymerization inhibitor may be used in coatings, adhesives, photoresist, printing inks and printing plates as well as unsaturated polyester resins, vinyl monomers and acrylated oligomers. It typically is used in concentrations ranging from 0.1% to 1% by weight

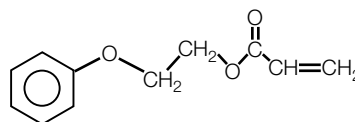
Inhibitor



CAS 15305-07-4

Tris(N-Nitroso-N-Phenylhydroxylamine) Aluminum Salt
Empirical formula C₁₈H₁₅N₆O₆Al

Monomer



CAS 48145-04-6

2-Phenoxy Ethoxy Acrylate
Empirical formula C₁₁H₁₂O₃

Physical Properties

Appearance yellow to brown liquid
Inhibitor molecular weight 438
Monomer molecular weight 192

Specifications

Active amount of inhibitor, wt. % 8.0
Water, %, max. 0.5

Shipping Information

Container Information

55-gallon non-returnable plastic drums (440 lbs/200 kg net)

5-gallon plastic pails (40 lbs/18.1 kg net)

Shipping Classifications

Proper shipping name:

Safety and Handling Information

For specific information on the safe handling of this product, please refer to the material safety data sheet. Copies are available upon request.

Chemical Registration Numbers

Inhibitor

CAS: 15305-07-4

EINECS: 239-341-7

MITI: 3-3409

Monomer

CAS: 48145-04-6

EINECS: 256-360-6

MITI: 3-3684X

TSCA listed

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patents.



AMERICAS 451 Florida Street • Baton Rouge, Louisiana 70801-1765 • Tel: 225-388-7402 or 800-535-3030 • Fax: 225-388-7848 **EUROPE** Parc Scientifique Einstein • Rue du Bosquet 9 • B-1348 Louvain-la-Neuve Sud, Belgium • Tel: 32-10-48-1711 • Fax: 32-10-48-1717 **EUROPE** B116 • 95 Rue Du General De Gaulle • F-68802 Thann-Cedex, France • Tel: 33-3-8938-4600 • Fax: 33-3-8938-4601 **ASIA PACIFIC** 111 Somerset Road #13-03 • Singapore 238164 • Tel: 65-6732-6286 • Fax: 65-6737-4155 **ASIA PACIFIC** 16th Floor, Fukoku Seimei Building • 2-2, Uchisaiwaicho, 2-Chome • Chiyoda-ku, Tokyo 100, Japan • Tel: 81-3-5251-0791 • Fax: 81-3-3500-5623 **ASIA PACIFIC** China World Tower, Room 1317 • No. 1 Jian Guo Men Wai Avenue • Beijing 100004 China • Tel: 86-10-6505-4153 or 86-10-6505-4154 • Fax: 86-10-6505-4150