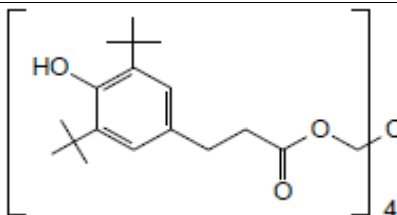
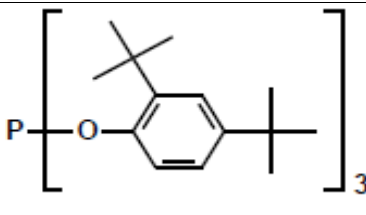


ANOX[®] BB011 and ANOX[®] BB021 stabilizer blends

Phenolic / Phosphite Antioxidant Blend

Description

ANOX[®] BB011 and ANOX[®] BB021 stabilizer blends are a family of solid binary synergistic blends used to protect polymers during processing and long term aging.

	ANOX [®] 20 stabilizer	ALKANOX [®] 240 phosphite
Chemical Name	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxo propoxy]methyl]-1,3-propanediyl ester	Phenol, 2,4-bis(1,1-dimethylethyl)-phosphite (3:1)
Synonym	Tetrakismethylene (3,5-di-t-butyl-4-hydroxyhydrocinnamate) methane	Tris(2,4-di-t-butylphenyl) phosphite
CAS-Nr.	6683-19-8	31570-04-4
EINECS-Nr.	229-722-6	250-709-6
Formula		
ANOX[®] BB011	50%	50%
ANOX[®] BB021	33%	67%

Application

ANOX[®] BB011 and ANOX[®] BB021 stabilizer blends with a combination of a high molecular weight hindered phenol: ANOX[®] 20 stabilizer, and a phosphite: ALKANOX[®] 240 phosphite, provide excellent protection in polyolefins. The low volatility of the ANOX[®] 20 stabilizer and ALKANOX[®] 240 phosphite allows the blends to be used at relatively high temperatures while providing excellent resistance to extraction from polymer compounds. The blends are active during polymer processing and provide excellent stabilization against thermo-oxidative degradation during long term aging. The ANOX[®] BB011 and ANOX[®] BB021 stabilizer blends are used for process stabilization of a wide range of thermoplastic polymers such as polyolefins (PP, HDPE, LDPE, LLDPE), polycarbonates, ABS, and polyesters.

The information contained herein relates to a specific Addivant[™] product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Addivant[™] standard terms and conditions of sale under which the product is sold by Addivant[™]. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY AND ALL SUCH REPRESENTATIONS AND WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

Addivant[™] and the Addivant[™] logo are trademarks of Addivant[™] Corporation or one of its subsidiaries.

Copyright © 2013 Addivant[™] Corporation. All rights reserved.

Regulatory Status

This compound has broad food contact approvals; for details please contact Addivant[™] Regulatory Affairs Polymer Additives.

Handling and Storage

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 2 years from the date of receipt.

For additional handling and toxicological information, consult the Addivant[™] Material Safety Data Sheet.

The information contained herein relates to a specific Addivant[™] product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Addivant[™] standard terms and conditions of sale under which the product is sold by Addivant[™]. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY AND ALL SUCH REPRESENTATIONS AND WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

Addivant[™] and the Addivant[™] logo are trademarks of Addivant[™] Corporation or one of its subsidiaries.

Copyright © 2013 Addivant[™] Corporation. All rights reserved.