

## LOWINOX<sup>®</sup> 22IB46 stabilizer

### Phenolic Antioxidant

#### Description

LOWINOX<sup>®</sup> 22IB46 stabilizer is a non-discoloring antioxidant based on a sterically hindered alkylated bis-phenol.

#### Chemical Name

2,2'-Isobutylidenebis(4,6-dimethyl-phenol)

#### CAS-Number:

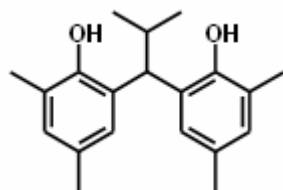
33145-10-7

#### EINECS-Number:

251-394-8

#### Formula

LOWINOX<sup>®</sup> 22IB46 stabilizer



#### Typical physical properties of LOWINOX<sup>®</sup> 22IB46 stabilizer

Appearance	White to off-white powder
Melting range [°C]	158 – 164
Molecular weight [g/mol]	298
Bulk density [kg/m <sup>3</sup> ]	250
Flash point, °C	200

#### Solubility (g/100g solvent ) @ 25°C

n-Hexane	<0.1	Ethyl Acetate	55
Acetone	31	n-Heptane	2
Chloroform	7	Toluene	9
Water	<0.1	Methanol	22
Methylcyclohexane	1.4		

The information contained herein relates to a specific Addivant<sup>TM</sup> 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<sup>TM</sup> standard terms and conditions of sale under which the product is sold by Addivant<sup>TM</sup>. 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<sup>TM</sup> and the Addivant<sup>TM</sup> logo are trademarks of Addivant<sup>TM</sup> Corporation or one of its subsidiaries.

Copyright © 2013 Addivant<sup>TM</sup> Corporation. All rights reserved.

## Application

**LOWINOX<sup>®</sup> 22IB46 stabilizer** is a proven long-term stabilizer with negligible volatility for white, transparent and coloured rubber articles based on natural rubber, styrene-butadiene- (cold SBR), cis polyisoprene- (IR), cis polybutadiene (BR), acrylonitrile butadiene rubber (NBR), and chloroprene rubber (CR). Due to its excellent processing properties, **LOWINOX<sup>®</sup> 22IB46 stabilizer** is also an outstanding stabilizer for lattices (such as for dipped rubber goods, foam, rubber threads, carpet backings) and rubber solutions. **LOWINOX<sup>®</sup> 22IB46 stabilizer** is also an excellent stabilizer against NO<sub>x</sub> impact, an excellent metal deactivator in cross-linked polyethylene (XLPE) and is also used for various photo applications.

## 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 otherwise stated, the shelf life of the product is 4 years when it is properly stored.

**For additional handling and toxicological information consult the Addivant<sup>™</sup> Material Safety Data Sheet.**

The information contained herein relates to a specific Addivant<sup>™</sup> 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<sup>™</sup> standard terms and conditions of sale under which the product is sold by Addivant<sup>™</sup>. 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<sup>™</sup> and the Addivant<sup>™</sup> logo are trademarks of Addivant<sup>™</sup> Corporation or one of its subsidiaries.

Copyright © 2013 Addivant<sup>™</sup> Corporation. All rights reserved.