For Direct Incorporation into Plastic, Rubber, and Further Processing

Active Ingredient: N-Butyl-1,2-benzisothiazolin-3-one 99.2%  
Inert Ingredients: ≥ 0.8%  
Total Ingredients: 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See Additional Precautionary Statements on Side Panel

MATERIAL SAFETY DATA SHEET

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Protect from frost. Do not freeze. If frozen, allow to thaw and stir before use.

COLLECTIVE BULK HANDLING AND STORAGE: This product contains 0.05 to 1.0% total water.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, coasts or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge.

In addition to the above, Vanquish® 100 Antimicrobial liquid can be added to the liquid monomers before polymerization, at least 30 minutes before use. Vanquish® 100 Antimicrobial can be added to the latex.

APPLICATION:

- % VANQUISH® 100 Antimicrobial (based on total weight of final product)

Plastics:
- For addition to PVC plastisols
  - 0.05 to 0.5%
  - 0.05 to 1.0%
  - 0.05 to 1.0%
  - 0.05 to 1.0%

Acrylics:
- 0.05 to 1.0%

Synthetic elastomers such as:
- 0.03 to 1.0%

Butadiene-styrene, styrene-ethylene, styrene-isoprene-butadiene-styrene

Natural latex rubber
- 0.03 to 0.5%

The concentration required to give protection depends on several factors. These include the susceptibility of the system to microbiological degradation, the extent to which micro-organisms can gain access, the species involved, pH, temperature, moisture and length of time for which protection is required.

INCORPORATION OF VANQUISH® 100 ANTIMICROBIAL INTO POLYMERS

Polyesters:
- For use in the production of polyester fibers
  - 0.05 to 1.0%

Natural Rubber:
- 0.03 to 1.0%

VANQUISH® 100 Antimicrobial may be added to the mixed liquid components added to a blend of PVC resin and solids, shear mixed until a dry blend is achieved and then processed through extrusion, calendering, molding or other system.

Acrylics:
- In addition to the above, Vanquish® 100 Antimicrobial liquid can be added to the liquid monomers before polymerization, at least to the desired weight level in the final product.

Silicones:
- Silicones
  - 0.03 to 1.0%

For more information call 1-800-6911.

MANUFACTURED FOR:

ARCH Chemicals, Inc.

1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Made in UK.

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CHANGES TO THIS MATERIAL SAFETY DATA SHEET MAY BE MADE AT ANY TIME. 

For more information call 1-800-6911.

Note to Physician:

If on Skin or Clothing: Take off contaminated clothing and rinse skin immediately with plenty of water for at least 15 minutes. If on Eyes: Rinse eyes immediately with plenty of water for at least 15 minutes. If on Face: Rinse face thoroughly with plenty of water for at least 15 minutes. If swallowed: Call a Poison Control Center or doctor immediately for treatment advice.

Inhalation:

If breathed for a short time: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth if possible. If breathing is difficult, give oxygen. If consciousness is lost, maintain in a recovery position. Call a Poison Control Center or doctor for further treatment advice. If in eyes: Rinse with plenty of water for 15 minutes. If still painful, get medical advice/attention.

For Further Information:

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