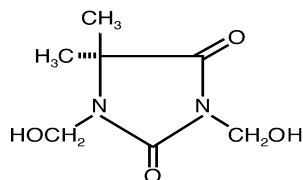


Glydant[®]

Preservative for Personal Care Products
DMDM Hydantoin
CAS No.: 6440-58-0



Physical Properties

| | |
|---------------|-----------------------------|
| Activity | 55 % |
| Physical Form | Low viscosity, clear liquid |
| Odor | Low, characteristic |

Typical Properties

| | |
|----------------------|-------------|
| % Total Formaldehyde | 17.0 - 18.2 |
| % Free Formaldehyde | 2.0 Max |
| Color (APHA) | 10 Max |
| pH | 5 - 7 |
| % Water Content w/w | 44 - 46 |

Suggested Applications

Glydant can be easily incorporated into a broad number of personal care products to prevent spoilage from microorganisms. Typical use levels are from 0.20 – 0.60%. Products include but not are limited to: shampoos, hand soaps, face creams, sunscreen lotions, bubble baths and wipes.

Regulatory Status

| | |
|------------------|----------------|
| INCI Designation | DMDM Hydantoin |
|------------------|----------------|

The components of Glydant are listed in the United States Environmental Protection Agency TSCA Inventory list.

Packaging

Plastic Drum 500 lbs net weight
Plastic Pails 40 lbs net weight

The seller makes no warranty, expressed or implied, concerning the accuracy of any results to be obtained from the use of this information and no warranty is expressed or implied concerning the use of these products other than indicated within. The buyer assumes all risks of use and/or handling. No statement is intended or should be construed as a recommendation to infringe any patent

Printed in the USA

Storage

Maintain a temperature of eighty to one hundred degrees Fahrenheit prior to use. Avoid freezing.

Manufacturing Location

Williamsport, PA

Glydant has been incorporated into an extensive number of personal care products. For further information on Lonza Group's broad line of preservatives, please call our Technical Service Hotline at (800) 365-TECH (8324)