



TIODIZE®

TECHNICAL DATA

WB50

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PRODUCT DATA ON TIODIZE

WB50

**ENVIRONMENTALLY SAFE
WATER BASE - LOW VOC – NON-FLAMMABLE
CETYL ALCOHOL LUBRICANT**

WB50 CETYL ALCOHOL

A white crystalline, odorless and non-corrosive lubricant that is compatible with fats, fatty acids, waxes and petroleum oils.

WB50 CETYL ALCOHOL

A non-toxic, non-irritating and otherwise innocuous material that meets federal, state and local environmental standards.

WB50 CETYL ALCOHOL

Designed as an installation lubricant for mechanical fasteners, such as pins, bolts, nuts, collars, washers, threaded or non-threaded fastening devices and rivets.

WB50 CETYL ALCOHOL MEETS MIL-L-87132B

AVAILABLE IN THREE GRADES

GRADE A: 10 to 30 grams per liter (0.08 to 0.25 lb per gallon) Cetyl Alcohol in DI water.

GRADE B: 30 to 60 grams per liter (0.25 to 0.50 lb per gallon) Cetyl Alcohol in DI water.

GRADE C: 60 to 100 grams per liter (0.50 to 0.83 lb per gallon) Cetyl Alcohol in DI water.

WB50 IS PACKAGED IN THE FOLLOWING SIZES:

1 Gallon Bottle, 5 Gallon Pail or 55 Gallon Drum

SPECIFIC GRAVITY MAINTAINABILITY

**WB50 WILL BE MANUFACTURED TO MAINTAIN THE
SPECIFIC GRAVITY (HYDROMETER) TO THE FOLLOWING:**

A:	<u>Lb/Gal</u>	<u>Specific Gravity</u>
W	8.21	0.9856
I	↑	↑
N	8.175	0.9814
D	↓	↓
O	8.14	0.9772
W		
B:	<u>Lb/Gal</u>	<u>Specific Gravity</u>
W	8.14	0.9772
I	↑	↑
N	8.12	0.9748
D	↓	↓
O	8.10	0.9724
W		
C:	<u>Lb/Gal</u>	<u>Specific Gravity</u>
W	8.10	0.9724
I	↑	↑
N	8.09	0.9711
D	↓	↓
O	8.08	0.9699
W		

Through **Tiodize** research, new solid film lubricants are formulated to meet the changing and demanding requirements of Industry. Years of experience and a competent research and production staff permit **Tiodize** to solve a wide array of lubrication problems. Our continuous research effort lets us provide our customers with improved products and processes, as well as up-to-date technical literature.