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## Albone<sup>®</sup> MS

### Technical Information

Albone<sup>®</sup> is formulated for general hydrogen peroxide applications. Albone<sup>®</sup> is used in the bleaching of paper pulp and of natural and synthetic textile fibers. It is also used in chemical synthesis, mining and metal treatment industries, and environmental applications such as wastewater and gas treatment

September 2013

<u>Specifications</u>	<u>35%</u>	<u>50%</u>	<u>70%</u>
H <sub>2</sub> O <sub>2</sub> , % by weight	35.0-35.7	50.0-50.7	70.0-70.7
Color, APHA	≤20	≤20	≤20
pH, Apparent, @ 23C	2.3-2.8	1.5-2.0	0.5-1.0
Appearance	Clear	Clear	Clear

<u>Properties</u>	<u>35%</u>	<u>50%</u>	<u>70%</u>
Active Oxygen, %	16.5	23.5	32.9
Specific Gravity @ 20C			
lb / gallon	9.45	9.98	10.75
g / mL	1.126	1.195	1.288
Boiling Point @ 760mm Hg, °C	108	114	126
Freezing Point, °C	-33	-51	-40
Vapor Pressure @ 30C, mm Hg	24	18	11
Appearance	Clear with a slightly pungent odor		

### Packaging

	<u>35%</u>	<u>50%</u>	<u>70%</u>
Polyethylene drums, 500 lbs	✓	✓	
Polyethylene totes, 3100 lbs	✓	✓	
Bulk shipments in Arkema tank trucks	✓	✓	✓
Bulk shipments in Arkema rail cars	✓	✓	✓

\*\*bulk shipments in Arkema tank trucks (delivered and offloaded by specially trained drivers), and Arkema rail cars.

Hydrogen peroxide above 8% active concentration is classified as an Oxidizer by the DOT and all containers must carry the yellow DOT Oxidizer label. **CAS No: 7722-84-1**

**BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE MSDS (MATERIAL SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON PERSONAL PROTECTIVE EQUIPMENT AND FOR SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION.**

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**NSF Certified**

[1] This product may be used for the treatment of sulfide and organic contaminants, with or without ozone or ultra-violet (UV) light, at a maximum use level of 85mg/L. Treatment must e followed by chlorination to a chlorine residual not to exceed 4mg/L, the EPA’s proposed maximum residual level.

[2] This product may be used for the treatment of sulfide and organic contaminants, with or without ozone or ultraviolet (UV) light, at a maximum use level of 60 mg/L. Treatment must be followed by chlorination to a chlorine residual not to exceed 4mg/L, the EPA’s proposed maximum residual level.

[HP] Use of this product shall be followed by chlorination to remove levels of hydrogen peroxide. Chlorine residuals shall not exceed 4 mg/L, the EPA’s proposed maximum residual level

*NOTE:* All Albone MS 35%, 50%, and 70% products are produced in facilities that are NSF Certified, whether they bear the NSF Mark or not

**ARKEMA** INNOVATIVE CHEMISTRY HYDROGEN PEROXIDE AVAILABILITY AND APPLICATIONS

	Pulp and Paper	Mining	Water Treatment	Chemical Process	Personal Care	Cleaning	Food	Aseptic Packaging	Electronics
Albone 70MS	✓	✓	✓	✓					
Albone 50MS	✓	✓	✓	✓					
Albone 35MS	✓	✓	✓	✓					
Albone 50M	✓	✓	✓	✓					
Peroxal 70A				✓					
Peroxal 50A				✓					
Peroxal 70CG					✓	✓			
Peroxal 50CG					✓	✓			
Peroxal 35CG					✓	✓			
Peroxal 70BPM				✓					
Peroxal 70MP				✓					
Peroxal 50CLG					✓	✓			
Peroxal 50EG									✓
Peroxal 50SEG									✓
Peroxal 70BIO					✓	✓			
Valsterane 50FG							✓	✓	
Valsterane 35FG							✓	✓	
Valsterane 35ASG								✓	
Valsterane 18ASG								✓	

For more information, and specific applications please contact your Arkema customer service representative.

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