

**FMC Corporation**

Hydrogen Peroxide Division 1

735 Market Street

Philadelphia, PA 19103 Phone:

1-800-442-6236 URL at: <http://www.fmcchemicals.com>*Technical Data*

# Hydrogen Peroxide

## B Cap 27 Antimicrobial Agent

### EPA Registration No. 73272-4

Introduction

B Cap 27, hydrogen peroxide is an antimicrobial agent for use in controlling bio-fouling and slime in pulp and paper mill systems, recirculation and once through cooling systems, pasteurizer cooling systems, process waters and biocidal control in packaging and storage vessels.

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<u>Specifications</u>	27%
H <sub>2</sub> O <sub>2</sub> content, % by weight	
Product diluted at FMC sites	26.6-27.4
Stability, 24 hours @ 100° C	96.0%
	27%
<u>Typical Properties</u>	
Loss in % assay, 1 yr, 25° C	<1.0
Apparent pH	<3.7
Active oxygen content, %	12.7
Specific gravity (20° C/68° C)	1.10
Lbs/gal (kg/M <sup>3</sup> or g/L) @ 20° C	9.19 (1102g/L)
Boiling point, ° C (° F)	106 (222)
Freezing point, ° C (° F)	-19.5 (21.2)

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Standard Containers

Polyethylene drums: 15 gallons (56.8 liters), 30 gallons (113.6 liters), 55 gallons (208.2 liter)s, totes 330 gallons (1250 liters).

Bulk shipments are available in tank trucks and tank cars.

Hydrogen peroxide above 8% concentration is classified as an "Oxidizer" by the Department of Transportation and all containers must carry the yellow DOT label.

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