

Darrant Distribution
Unit 1 Witham Point
Business Park
Wavell Drive Lincoln
LN3 4PL
United Kingdom

T +44 (0) 1522 521864

4823

**HYDROGEN PEROXIDE
AG SPRAY 35**

JUNE 2011

Description: AG Spray 35 is a specially designed hydrogen peroxide grade used in aseptic packaging processes using spray technology. AG Spray 35 is an aqueous solution of hydrogen peroxide, which is a clear, colourless liquid with a pungent odour and is miscible with water in all proportions.

Synonyms: Hydrogen peroxide aseptic packaging grade, H₂O₂ aseptic grade

CAS NO: 772284-1

FORMULA: H₂O₂

MW: 34

EINECS NO: 231-765-0

Specification

Concentration (g/kg)	350 – 357
Density (kg/m ³)	1131 – 1134
Non-volatile matter (mg/kg)	20 max

Physiochemical Properties

Volume of 1 tonne of product (20°C) (m ³)	0.883 ± 0.001
Boiling Point (@101.3 kPa) (°C)	107.4
Freezing Point (°C)	- 33
Viscosity (@ 20°C) (mPas)	1.1 ± 0.01

AG Spray 35 complies with the limits of the physiochemical characteristics on the monograph "Hydrogen Peroxide solution" in the current European Pharmacopeia, except assay. It also complies with the limits of the physiochemical characteristics of the Food Chemicals Codex 5th edition and of Drinking Water Standard EN 902.

AG Spray 35 is approved by leading manufacturers (OEM's) of aseptic filling machines using spray technology.

Revision 05

Whilst we believe this data to be correct and reliable, we are not responsible for its interpretation and its use, nor should it be construed as a permission to use any product or process in breach of existing patents. This data does not constitute any warranty other than conformity of the product to current specifications published by the sellers or its suppliers. Any relevant legislation governing the use of the product should be observed.

Darrant Distribution Ltd's Standard Conditions of Sale apply to sales of all products

Refer to the appropriate Safety Data Sheet for health, safety and environmental information