



GHC Gerling Holz & Co. Handels GmbH

## GHC Standard Specification

### Spec 5110 Mixture 90 % Ethylene oxide / 10 % Carbon dioxide

Revision: 9 - Verantwortlich: Produktmanager - Freigabe: Murat Metin 6.9.2018

Geltungsbereich: ohne Geltungsbereich

## Mixture 90 % Ethylene oxide / 10 % Carbon dioxide

**Product No.: 5110**

**Product: Mixture 90 % Ethylene oxide / 10 % Carbon dioxide**

<b>Ethylene oxide *</b>	99.9	% (weight)	<b>Carbon dioxide</b>	99.9	% (vol.)
Density	0,908	g/cm <sup>3</sup> (at 0° C)	Water	max. 50	ppm (vol.)
Water	max. 100	ppm (weight)	Oxygen	max. 30	ppm (vol.)
Appearance	clear		Hydrocarbons **	max. 50	ppm (vol.)

The mixture has the following composition (calculated):

Ethylene oxide	89.0 – 91.0	% (weight)
Carbon dioxide	9.0 – 11.0	% (weight)

\* Due to technical reasons the product has an overlay of nitrogen. Stated content without regard to nitrogen.

\*\* Volatile hydrocarbons are calculated as methane.

The specifications refer to the liquid phase. Additional ingredients are not excluded. The conformity of the product which is filled into the transport container with the above mentioned specification is monitored systematically on the basis of our quality management system according to DIN EN ISO 9001. This document is valid without signature.

**GHC GERLING, HOLZ & CO.  
HANDELS GMBH**

Hamburg  
Hamburg@ghc.de  
+49 (0)40/853123-0

Hanau  
Hanau@ghc.de  
+49 (0)6181/9305-0

Dormagen  
Dormagen@ghc.de  
+49 (0)2133/2701-0

Bergkirchen / München  
Bergkirchen@ghc.de  
+49 (0)8131/29933-0

Nauendorf / Halle  
Nauendorf@ghc.de  
+49 (0)3 46 03 / 71 3-0

This product information is based on the present state of our knowledge and experience according to the current state of art. This certificate describes the nature of the product and is neither a guarantee nor does it exempt the recipient from its own testing and examination. Guarantees of product characteristics or suitability must be expressly described in writing. No guarantee is given that the product is suitable for any particular application. Users remain solely responsible for assessing the suitability of the product for the intended application and compliance with legal requirements applying to such application.