

# BIOMASTER TD100

## FOOD CONTACT



**Biomaster**  
ANTIMICROBIAL TECHNOLOGY

THE ANTIMICROBIAL AGENT USED IN BIOMASTER TD100 IS COMPLIANT WITH THE REGULATIONS REQUIRED FOR MATERIALS INTENDED TO COME INTO CONTACT WITH FOOD FOR BOTH EUROPE AND THE USA.



### EUROPE

The antimicrobial agent in the TD100 series of additives has been evaluated as a substance intended for use in materials in contact with food according to the Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with foodstuffs and is classified in SCF\_list 3 and is subject to Specific Migration Limit of 0.05 mg Ag/Kg food

The Agent used is approved by the EFSA (European Food Safety Authority) and can be used as an agent for food contact applications.

### USA

The antimicrobial agent used in the TD100 range of additives is registered under the US inventory of Effective Food Contact Substances (FCS) Notification with the following limitations/specifications:

<b>Intended Use:</b>	As an antimicrobial agent in all polymers.
<b>Effective Date:</b>	10/12/2004
<b>Limitations/Specifications:</b>	For use only at levels not to exceed 2 percent by weight of the finished article, in which the silver content of the finished article shall not exceed 0.038 percent by weight, at temperature Conditions of Use A through H.

(These Conditions of Use are summarised below)

<b>A.</b>	<b>High temperature heat-sterilized.</b>	e.g., over 212° F
<b>B.</b>	<b>Boiling water sterilized.</b>	212° F, 30 minutes
<b>C.</b>	<b>Hot filled or pasteurized.</b>	Fill boiling, above 150° F, cool to 100° F.
<b>D.</b>	<b>Hot filled or pasteurized</b>	Below 150° F.
<b>E.</b>	<b>Room temperature filled</b>	120° F, 24 hr and stored (No thermal treatment in the container)
<b>F.</b>	<b>Refrigerated storage</b>	(No thermal treatment in the container)
<b>G.</b>	<b>Frozen storage</b>	(No thermal treatment in the container)
<b>H.</b>	<b>Frozen or refrigerated storage</b>	Ready-prepared foods intended to be reheated in container at time of use:

The agent in the TD 100 range of additives has acquired registration with the FDA (U.S. Food and Drug Administration) – List of “indirect” Additives used in Food Contact Substances

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