



Effective: March 5, 2012
Supersedes: February 17, 2010

AMBERLITE™ CR5550 Ion Exchange Resin

Food and Drug Administration (FDA)

Regulation	Complies	Opinion Date	Limitations
21CFR173.25	L	06/04/2009	<ul style="list-style-type: none">▪ FOR PURIFICATION OF WATER FOR USE IN THE MANUFACTURE OF DISTILLED ALCOHOLIC BEVERAGES, SUBJECT TO THE FOLLOWING CONDITIONS: (I) THE WATER IS SUBJECTED TO TREATMENT THROUGH A MIXED BED CONSISTING OF THIS RESIN AND A STRONGLY ACIDIC CATION-EXCHANGE RESINS IN THE HYDROGEN FORM IDENTIFIED IN 21 CFR 173.25, PARAGRAPHS (A)(1),(2), AND (11) OR (II) THE TREATED WATER IS SUBSEQUENTLY SUBJECTED TO TREATMENT THROUGH A BED OF ACTIVATED CARBON OR ONE OF THE STRONGLY ACIDIC CATION-EXCHANGE RESINS IN THE HYDROGEN FORM IDENTIFIED IN PARAGRAPHS (1), (2), AND (11). (III) THE TEMPERATURE OF THE WATER PASSING THROUGH THE RESIN BEDS IS MAINTAINED AT 30C OR LESS, AND THE FLOW RATE OF THE WATER PASSING THROUGH THE BEDS IS NOT LESS THAN 2 GALLONS PER CUBIC FOOT PER MINUTE. WHEN USED UNDER THESE CONDITIONS THE RESIN IS EXEMPT FROM THE EXTRACTIVES LIMITATIONS AS PRESCRIBED IN PARAGRAPH (C)(4)OF 21CFR173.25.▪ MUST BE SUBJECTED TO THE PRE-USE TREATMENT BY THE MANUFACTURER AND/OR THE USER IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND MEET THE EXTRACTIVES LIMITATIONS AS PRESCRIBED IN PARAGRAPH (C) OF 21CFR173.25.▪ USED TO TREAT WATER AND AQUEOUS FOOD ONLY OF TYPES IDENTIFIED IN CATEGORIES I, II, AND VI-B IN TABLE 1 OF 21CFR176.170 PROVIDED THAT EITHER (A) FOOD PASSING THROUGH THE RESIN BEDS IS MAINTAINED AT 50C OR LESS AND THE FLOW RATE OF THE WATER OR FOOD PASSING THROUGH THE BEDS IS NOT LESS THAN 0.5 GALLON PER CUBIC FOOT PER MINUTE; OR (B) EXTRACTS OF THE RESIN WILL BE FOUND TO CONTAIN NO MORE THAN 1 MILLIGRAM/KILOGRAM DIMETHYLAMINOPROPYLAMINE IN EACH OF THE FOOD SIMULANTS, DISTILLED WATER AND 10 PERCENT ETHANOL, WHEN THE RESIN IS SUBJECTED TO THE FOLLOWING TEST UNDER

CONDITIONS SIMULATING THE ACTUAL TEMPERATURE
AND FLOW RATE OR USE: THE DETERMINATION OF 3-
DIMETHYLAMINOPROPYLAMINE IN FOOD SIMULATING
EXTRACTS OF ION EXCHANGE RESINS.

Legend:

L **Yes, this product is cleared with limitations noted**

Regulations:

21CFR173.25 **Ion-exchange resins**

Disclaimer:

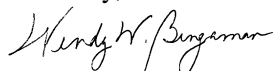
This information relates specifically to this product. We believe this information to be accurate and reliable as of this date.

We recommend that our customers make their own determination on the suitability of this product for their particular application.

We cannot guarantee that the indirect food additives/food-contact status of this product will remain unchanged indefinitely; therefore we recommend that you periodically verify its status.

If you have any additional questions, please feel free to contact us.

Sincerely,



Wendy W. Bingaman
EH&S Global Product Leader
Dow Water and Process Solutions
The Dow Chemical Company
Phone: (215) 619-5531
email: wbingaman@dow.com

This information is considered accurate and reliable as of the date appearing above and is presented in good faith. Because use conditions and applicable laws may differ from one location to another and may change with time, Recipient is responsible for determining whether the information in this document is appropriate for recipient's use. Since Dow has no control over how this information may be ultimately used, all liability is expressly disclaimed and Dow assumes no obligation or liability therefore. No warranty, express or implied, is given nor is freedom from any patent owned by Dow or others to be inferred.