

Vista Chemical Company

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TGG: JCL: ERT: MJH: AJO: CF

January 10, 1991

VISTA

Fisher Scientific
Chemical Division
1 Reagent Lane
Fair Lawn, NJ 07410

Dear Sirs:

Vista Chemical currently purchases your Buffer Solution pH 4.00 product for use in one of our plants. In a recent review of our Hazard Communication Program, we noted a discrepancy in your MSDS and label content for this product in regards to the formaldehyde content.

Specifically, the MSDS does list formaldehyde at a 0.04% level, but has no hazard warnings related to formaldehyde. However, the label has a very specific warning regarding the presence and carcinogenic hazards of formaldehyde.

I am requesting further information regarding the hazards of the formaldehyde content of this product. Specifically what is potential for exposure with normally anticipated handling conditions.

Thank you for your cooperation in this matter.

Sincerely,



Thomas G. Grumbles, C.I.H.
Manager Environmental Affairs

dlj

VVV 000006120

20296824H+



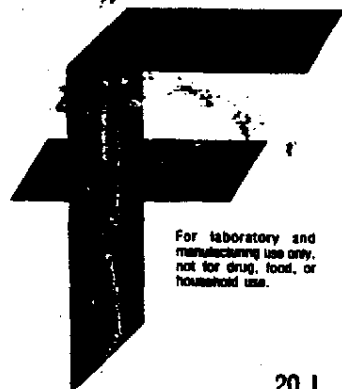
(F) Formalin (Bathhouse Buffer)
 0.05 M Formalin
 Molar concentration with U.S. (Formerly N.B.S.)
 This buffer is for use as pH values
 accurate to ± 0.01 at the following
 temperatures:

°C	pH
0	4.01
5	3.99
10	3.98
15	3.98
20	3.98
25	4.00
30	4.01
35	4.02
40	4.03
50	4.06
60	4.09

LOT NO. 903559-24
 EXP. DATE Apr. 1992

FL-06-1289
 Polyscience Hydrogen Phosphate CAS 677-54-7
 Formaldehyde CAS 50-00-0
 Water CAS 7732-18-6

Date Rec'd / /
 Fair Lawn, New Jersey 07410
 Made in U.S.A. (201)796-7100



For laboratory and
 manufacturing use only,
 not for drug, food, or
 household use.

20 L

SB98-20

Buffer Solution pH 4.00 CERTIFIED ± 0.01 @ 25°C

CAUTION CONTAINS FORMALDEHYDE. AN ANTICIPATED HUMAN
 CARCINOGEN. MAY BE HARMFUL IF INHALED. CAUSES SKIN AND
 EYE IRRITATION. INHALATION MAY CAUSE IRRITATION. SKIN CON-
 TACT MAY CAUSE IRRITATION. MAY CAUSE DERMATITIS. EYE CON-
 TACT MAY CAUSE IRRITATION. MAY CAUSE CONJUNCTIVITIS. INGES-
 TION MAY CAUSE NAUSEA, VOMITING, AND DIARRHEA.

TARGET ORGANS AFFECTED: Eyes, Skin and Gastrointestinal Tract. Provide
 general dilution ventilation.

FIRST AID—INHALATION—Remove from exposure area to fresh air immedi-
 ately. If breathing has stopped, give artificial respiration. Keep affected person
 warm and at rest. Get medical attention. SKIN—Remove contaminated clothing
 and shoes immediately. Wash affected area with soap and mild detergent and
 large amounts of water (approximately 15-20 minutes). Get medical atten-
 tion. EYES—Wash eyes immediately with large amounts of water, occasionally
 lifting upper and lower lids (approximately 15-20 minutes). Get medical atten-
 tion immediately. INGESTION—If victim is conscious, immediately give 2 to
 4 glasses of water and induce vomiting by touching finger to back of throat.
 Get medical attention immediately.

REFER TO MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION

DO NOT TRANSFER TO AN UNMARKED CONTAINER

VVV 000006121