

US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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3-9-93

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

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EFGWB # : 83-0368

MEMORANDUM

SUBJECT: Time Extension Request
Poly(hexamethylenebiguanide) (Chemical 111801)

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Review Section #2
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Environmental Fate and Effects Division (H7507C)

TO: Bruce Sidwell/Kathryn Scanlon
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THRU: Emil Regelman, Supervisory Chemist
Review Section #2
Environmental Fate and Groundwater Branch
Environmental Fate and Effects Division (H7507C) *R 3/9/93*

Henry M. Jacoby, Chief *Henry M. Jacoby*
Environmental Fate and Groundwater Branch
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The registrant, ICI Americas Inc., has requested time extension of one year for the submission of Anaerobic Aquatic Metabolism (162-3) data requirement. EFGWB has no objection in concurring with the time extension request except that the above mentioned study is not an EFGWB data requirement for the current use pattern.

PHMB is used as a fungicide/microbicide in secondary/enhanced oil recovery and swimming pool water systems (Aquatic Nonfood Industrial and Aquatic Nonfood Residential use pattern). According to an EFGWB memo dated Aug. 9, 1991, the following data

requirements were imposed by EFGWB for the registration of this chemical:

161-1 Hydrolysis

161-2 Photodegradation in Water

These studies have been submitted by the registrant and are being reviewed by EFGWB. It remains unclear why the registrant wants to generate additional data. Are there other uses of this chemical that EFGWB is not aware of? The Product Manager must get a clarification of the use pattern and inform the registrant about the status of environmental fate data requirements for the current use pattern of PHMB.