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Date Produced	12/15/98	Date Received	12/21/98	TSCA Section	8E
Submitting Organization		CYTEC INDUS INC			
Contractor					
Document Title		SUPPORT: LETTER FROM CYTEC INDUS INC TO USEPA RESPONDING TO REQUEST FOR ADD USE AND EXPOSURE INFO RE SUPERFLOC C-591 FLOCCULANT, DATED 12/15/1998			
Chemical Category		POLYDIALLYLDIMETHYL AMMONIUM CHLORIDE; *			

CYTEC

Cytec Industries Inc.
Toxicology & Product Regulatory Compliance Dept.
5 Garret Mountain Plaza
West Paterson, NJ 07424

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December 15, 1998

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ATTN: Section 8(e)
Office of Pollution Prevention and Toxics
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REFERENCE: 8EHQ-1297-14078

Contains No CBI

Dear Sir/Madam:

PDCN: 8898000047

I am writing in response to your request for additional information on SUPERFLOC® C-591 Flocculant. Please see the following information:

1) Chemical Identity: Water	7732-18-5	78%
Polydiallyldimethyl ammonium chloride	26062-79-3	20%
Diallyldimethylammonium chloride	7398-69-8	<1%
Sodium chloride	7647-14-5	~0.7%
Ammonium sulfate	7783-20-2	~0.2%

2) Commercial Status: This product is a resale. The producers of this material are a) Calgon, Elwood City, PA; b) Ciba Specialty, W. Memphis, AR and c) Pearl River Polymers, Sliddell, LA

3) Uses: Coagulant used for color removal; waste treatment and raw water clarification

4) Information regarding exposures potential – LC50 determinations without added suspended solids overestimates the true toxicity of cationic polymers. Suspended solids



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and other dissolved organic materials like humic acid are present in natural waters and are known to reduce the effective concentration of the polymer and thereby its toxicity.

In addition, I have attached the current MSDS for your reference.

If you have any questions, please contact me at (973) 357-3375.

Sincerely,



Patricia Ann Vernon

Product Regulatory Compliance Manager, Asia-Pacific

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