

CELANESE CORP
Reported by
JENSEN CHRISTOPHER W

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 05/05/10 for the Period Ending 05/03/10

Address 222 W. LAS COLINAS BLVD., SUITE 900N
IRVING, TX, 75039-5421
Telephone 972-443-4000
CIK 0001306830
Symbol CE
SIC Code 2820 - Plastic Material, Synthetic Resin/Rubber, Cellulos (No Glass)
Industry Commodity Chemicals
Sector Basic Materials
Fiscal Year 12/31

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL
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[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * Jensen Christopher W <small>(Last) (First) (Middle)</small> C/O CELANESE CORPORATION, 1601 W. LBJ FREEWAY <small>(Street)</small> DALLAS, TX 75234 <small>(City) (State) (Zip)</small>	2. Issuer Name and Ticker or Trading Symbol Celanese CORP [CE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) VP, Finance & Corp. Controller
3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">5/3/2010</p>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Dividend Equivalent Right	<u>(1)</u>	5/3/2010		A		44		<u>(2)</u>	<u>(2)</u>	Series A Common Stock	44	\$0	552	D	

Explanation of Responses:

- (1) Each Dividend Equivalent Right represents the right to receive one share of Series A Common Stock.
- (2) The Dividend Equivalent Rights accrued on 35,000 Restricted Stock Units granted to the reporting person on April 23, 2008 and will vest concurrently with, and in proportion to, such Restricted Stock Units.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Jensen Christopher W C/O CELANESE CORPORATION 1601 W. LBJ FREEWAY DALLAS, TX 75234			VP, Finance & Corp. Controller	

Signatures

/s/ Alexander M Ludlow, Attorney-in-Fact for Christopher Jensen

5/5/2010

**Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control

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