

EPA's Baseline Year Summary Report

| Table 1 – U.S. Operations | | | | | | | |
|---------------------------|---|----------------------------------|--|--|------------------------------------|---|---|
| Company | Baseline Year | Chemical Category | Emissions | | Product Content | | |
| | | | Releases to all media from FP and Telomer manufacturing (kg) | kg of release / kg of product produced | Dispersions (ppm wet-weight basis) | Other Fluoropolymers (ppm dry-weight basis) | Telomers (ppm dry-weight basis, unless stated otherwise) |
| Arkema | 1999 | PFOA and Higher Homologues | >10,000 -100,000 | For FP Production: (>0.1 – 1)kg/100 kg | >500 - 1000 | >70 - 150 | Not Applicable |
| | | Precursors | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Asahi | 2000 | PFOA and Higher Homologues | 5,230 | For FP Production: <1 kg / 100 kg | 1,364 | CBI | Not Applicable |
| | | Precursors | Not Applicable | | | | |
| Ciba | 2002 | PFOA | 30 kg (total for emissions and product content) | | | | |
| | | Higher Homologues | 27 kg (total for emissions and product content) | | | | |
| | | Precursors | <6 kg (total for emissions and product content) | | | | |
| Clariant | Not Applicable | | | | | | |
| Daikin | 2000 | PFOA | CBI | For FP Production: 0.14 kg / 100 kg | 420 | 14 | 1 (wet-weight basis) |
| | | | | For Telomer Production: 8.4E-6 kg / 100 kg | | | |
| | | Precursors and Higher Homologues | CBI | For Telomer Production: 0.034 kg / 100 kg | Not Applicable | Not Applicable | 11,000 (wet-weight basis) |
| DuPont | 2000, 2003 ^a , 2004 ^b | PFOA | 49,400 | Not Reported | 970* | 340 | 496 kg (global total product content in all product produced)** wherein direct precursors are C8 Telomer A iodide and the 8-2-8 Telomer B alcohol ester of PFOA |
| | | Precursors | CBI | CBI | Not Applicable | Not Applicable | 65 kg (global total product content in all product produced)** |
| 3M/Dyneon | 1999 | PFOA | 1,700 | For FP Production: | 4,300 | Not Reported | Not Applicable |

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| | | | | 1 - 10 kg / 100 kg | | | |
|-------------------|------|------------------------|----------------|--|--|--|----------------|
| Solvay Solexis | 2000 | PFOA and PFOA Salts | 1000 – 10,000 | For FP Production: (0.1 – 1)kg/100 kg | 1,500 – 1,700 (for PFOA, its Salts, and Higher Homologues) | 140 – 170 (for PFOA, its Salts, and Higher Homologues) | Not Applicable |
| | | Higher Homologues | 1000 – 10,000 | For FP Production: (0.1 – 1)kg/100 kg | | | |
| | | Precursors | Not Applicable | | 0 | 0 | |

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| Table 2 – Non-U.S. Operations | | | | | | | |
|-------------------------------|---|----------------------------------|--|---|------------------------------------|---|---|
| Company | Baseline Year | Chemical Category | Emissions | | Product Content | | |
| | | | Releases to all media from FP and Telomer manufacturing (kg) | kg of release / kg of product produced | Dispersions (ppm wet-weight basis) | Other Fluoropolymers (ppm dry-weight basis) | Telomers (ppm dry-weight basis, unless stated otherwise) |
| Arkema | 1999 | PFOA and Higher Homologues | >1000 -10,000 | For FP Production: (>0.1 – 1)kg/100 kg | Not Applicable | >70 - 150 | Not Applicable |
| | | Precursors | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Asahi | 1999, 2000, 2004 | PFOA and Higher Homologues | 9,865 | For FP Production: <1 kg / 100 kg | 1,800 | CBI | Negligible compared to precursors |
| | | Precursors | 3,954 | For Telomer Production: <1 kg / 100 kg | Not Applicable | Not Applicable | Average: 50% (range: 0 – 100%) |
| Ciba | 2002 | PFOA | 456 kg (total for emissions and product content) | | | | |
| | | Higher Homologues | 438 kg (total for emissions and product content) | | | | |
| | | Precursors | 378 kg (total for emissions and product content) | | | | |
| Clariant | 2005 | PFOA | < 10 | For Telomer Production: < (2.5E-4 kg / 100 kg) | Not Applicable | Not Applicable | < 5 kg (total product content) |
| | | Direct Precursors | < 5 | For Telomer Production: < (1.25E-4 kg / 100 kg) | Not Applicable | Not Applicable | <100 kg (total product content) |
| Daikin | 2000 | PFOA | CBI | For FP Production: 0.27 kg / 100 kg | 2000 | 140 | 0.99 (wet-weight basis) |
| | | | | For Telomer Production: 8.4E-6 kg / 100 kg | | | |
| | | Precursors and Higher Homologues | CBI | For Telomer Production: 0.034 kg / 100 kg | Not Applicable | Not Applicable | 10,000 (wet-weight basis) |
| DuPont | 2000, 2003 ^c , 2004 ^d | PFOA | 19,500 | Not Reported | 1,040* | 300 | 496 kg (global total product content in all product produced)** |

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| | | | | | | | |
|----------------|----------------|------------|--------|---------------------------------------|----------------|----------------|---|
| | | | | | | | wherein direct precursors are C8 Telomer A iodide and the 8-2-8 Telomer B alcohol ester of PFOA |
| | | Precursors | CBI | CBI | Not Applicable | Not Applicable | 65 kg (global total product content in all product produced)** |
| 3M/Dyneon | 2000 | PFOA | 14,400 | For FP Production: < 1 kg / 100 kg | 1,600 | Not Reported | Not Applicable |
| Solvay Solexis | Not Applicable | | | | | | |

Notes:

“Not Reported” means that the submitter did not report the requested information, neither as publicly available nor as CBI information, although this information is applicable to the submitter’s operations.

“Not Applicable” means that the requested information does not apply to the submitter.

^a In the DuPont report, different baseline years were used for certain product lines. 2003 data in Table 1. corresponds to the 2003 baseline year in the second table.

^b In the DuPont report, different baseline years were used for certain product lines. 2004 data in Table 1. corresponds to the 2004 baseline year in the second table.

^c In the DuPont report, different baseline years were used for certain product lines. 2003 data in Table 2. corresponds to the 2003 baseline year in the first table.

^d In the DuPont report, different baseline years were used for certain product lines. 2004 data in Table 2. corresponds to the 2004 baseline year in the first table.