

**§ 417.154**

from paragraph (a) or (b) of this section; and the average of daily values for thirty consecutive days shall be the values shown below multiplied by the number of turnarounds in excess of six and prorated to thirty days plus the appropriate value from paragraph (a) or (b) of this section.

| Effluent characteristic | Effluent limitations (maximum for any 1 day)               |  |
|-------------------------|--|--|
|                         | Metric units (kilograms per 1,000 kg of anhydrous product) |  |
| BOD5 .....              | 0.02   |  |
| COD .....               | 0.07   |  |
| TSS .....               | 0.02   |  |
| Surfactants .....       | 0.02   |  |
| Oil and grease .....    | 0.005  |  |
| pH .....                | ( <sup>1</sup> )   |  |
|                         | English units (pounds per 1,000 lb of anhydrous product)   |  |
|                         |  |  |
| BOD5 .....              | 0.02   |  |
| COD .....               | 0.07   |  |
| TSS .....               | 0.02   |  |
| Surfactants .....       | 0.02   |  |
| Oil and grease .....    | 0.005  |  |
| pH .....                | ( <sup>1</sup> )   |  |

<sup>1</sup> Within the range 6.0 to 9.0.

**§ 417.154 [Reserved]**

**§ 417.155 Standards of performance for new sources.**

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart:

(a) For normal operation of spray drying towers as defined above, the following values pertain:

| Effluent characteristic | Effluent limitations                                       |   |
|-------------------------|--|---|
|                         | Maximum for any 1 day                                      | Average of daily values for 30 consecutive days shall not exceed— |
|                         | Metric units (kilograms per 1,000 kg of anhydrous product) |   |
|                         |  |   |
| BOD5 .....              | 0.02   | 0.01  |
| COD .....               | 0.08   | .04   |
| TSS .....               | 0.04   | .02   |
| Surfactants .....       | 0.04   | .02   |
| Oil and grease .....    | 0.01   | .005  |
| pH .....                | ( <sup>1</sup> )   | ( <sup>1</sup> )  |
|                         | English units (pounds per 1,000 lb of anhydrous product)   |   |
|                         |  |   |
| BOD5 .....              | 0.02   | 0.01  |
| COD .....               | 0.08   | .04   |

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| Effluent characteristic | Effluent limitations  |   |
|-------------------------|-----------------------|---|
|                         | Maximum for any 1 day | Average of daily values for 30 consecutive days shall not exceed— |
| TSS .....               | 0.04                  | .02   |
| Surfactants .....       | 0.04                  | .02   |
| Oil and grease .....    | 0.01                  | .005  |
| pH .....                | ( <sup>1</sup> )      | ( <sup>1</sup> )  |

<sup>1</sup> Within the range 6.0 to 9.0.

(b) For air quality restricted operation of a spray drying tower, but only when a high rate of wet scrubbing is in operation which produces more waste water than can be recycled to process, the following values pertain:

| Effluent characteristic | Effluent limitations                                       |   |
|-------------------------|--|---|
|                         | Maximum for any 1 day                                      | Average of daily values for 30 consecutive days shall not exceed— |
|                         | Metric units (kilograms per 1,000 kg of anhydrous product) |   |
|                         |  |   |
| BOD5 .....              | 0.12   | 0.06  |
| COD .....               | 0.50   | .25   |
| TSS .....               | 0.14   | .07   |
| Surfactants .....       | 0.20   | .10   |
| Oil and grease .....    | 0.04   | .02   |
| pH .....                | ( <sup>1</sup> )   | ( <sup>1</sup> )  |
|                         | English units (pounds per 1,000 lb of anhydrous product)   |   |
|                         |  |   |
| BOD5 .....              | 0.12   | 0.06  |
| COD .....               | 0.50   | .25   |
| TSS .....               | 0.14   | .07   |
| Surfactants .....       | 0.20   | .10   |
| Oil and grease .....    | 0.04   | .02   |
| pH .....                | ( <sup>1</sup> )   | ( <sup>1</sup> )  |

<sup>1</sup> Within the range 6.0 to 9.0.

(c) For fast turnaround operation of a spray tower, the following values pertain: The maximum for any one day when the number of turnarounds exceeds six in any particular thirty consecutive day period shall be the sum of the appropriate value below and that from paragraph (a) or (b) of this section; and the average of daily values for thirty consecutive days shall be the value shown below multiplied by the number of turnarounds in excess of six and prorated to thirty days plus the appropriate value from paragraph (a) or (b) of this section.

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| Effluent characteristic | Effluent limitations (maximum for any 1 day)               |
|-------------------------|--|
|                         | Metric units (kilograms per 1,000 kg of anhydrous product) |
| BOD5 .....              | 0.02   |
| COD .....               | 0.07   |
| TSS .....               | 0.02   |
| Surfactants .....       | 0.02   |
| Oil and grease .....    | 0.005  |
| pH .....                | ( <sup>1</sup> )   |
|                         | English units (pounds per 1,000 lb of anhydrous product)   |
| BOD5 .....              | 0.02   |
| COD .....               | 0.07   |
| TSS .....               | 0.02   |
| Surfactants .....       | 0.02   |
| Oil and grease .....    | 0.005  |
| pH .....                | ( <sup>1</sup> )   |

<sup>1</sup> Within the range 6.0 to 9.0.

### §417.156 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standards establishes the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart.

(a) There shall be no discharge of waste water streams in which both the COD/BOD7 ratio exceeds 10.0 and the COD exceeds 2.4 kg/kg of anhydrous product.

(b) For waste streams having either a ratio of COD to BOD7 of 10.0 or less or having a COD content of 2.40 kg/kg of anhydrous product or less the pretreatment standard shall be:

(1) For normal operation of spray drying towers above, the following values pertain:

| Pollutant or pollutant property | Pretreatment standard |
|---------------------------------|-----------------------|
| BOD5 .....                      | No limitations.       |
| COD .....                       | Do.                   |
| TSS .....                       | Do.                   |
| Surfactants .....               | Do.                   |
| Oil and grease .....            | Do.                   |
| pH .....                        | Do.                   |

(2) For air quality restricted operation of a spray drying tower, but only when a high rate of wet scrubbing is in operation which produces more waste

water than can be recycled to process, the following values pertain:

| Pollutant or pollutant property | Pretreatment standard |
|---------------------------------|-----------------------|
| BOD5 .....                      | No limitations.       |
| COD .....                       | Do.                   |
| TSS .....                       | Do.                   |
| Surfactants .....               | Do.                   |
| Oil and grease .....            | Do.                   |
| pH .....                        | Do.                   |

(3) For fast turnaround operation of a spray tower, the following values pertain: The maximum for any one day when the number of turnarounds exceeds six in any particular thirty consecutive day period shall be the sum of the appropriate value below and that from paragraph (b) (1) or (2) of this section; and the average of daily values for thirty consecutive days shall be the value shown below multiplied by the number of turnarounds in excess of six and prorated to thirty days plus the appropriate value from paragraph (b) (1) or (2) of this section.

| Pollutant or pollutant property | Pretreatment standard |
|---------------------------------|-----------------------|
| BOD5 .....                      | No limitations.       |
| COD .....                       | Do.                   |
| TSS .....                       | Do.                   |
| Surfactants .....               | Do.                   |
| Oil and grease .....            | Do.                   |
| pH .....                        | Do.                   |

[40 FR 27454, June 30, 1975, as amended at 60 FR 33955, June 29, 1995]

### Subpart P—Manufacture of Liquid Detergents Subcategory

#### §417.160 Applicability; description of the manufacture of liquid detergents subcategory.

The provisions of this subpart are applicable to discharges resulting from all operations associated with the manufacture of liquid detergents, commencing with the blending of ingredients, to and including bottling or packaging finished products.

#### §417.161 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) The term *anhydrous product* shall mean the theoretical product that