

**Subpart D—Glycerine Concentration Subcategory**

**§ 417.40 Applicability; description of the glycerine concentration subcategory.**

The provisions of this subpart are applicable to discharges resulting from the concentration of sweet water from saponification or fat splitting to approximately 60 to 80 percent crude glycerine content.

**§ 417.41 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 would result if all water were removed from the actual product.

(c) The term *sweet water* shall mean the solution of 8-10 percent crude glycerine and 90-22 percent water that is a by-product of saponification or fat splitting.

**§ 417.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.**

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

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 .....	4.50	1.50
COD .....	13.50	4.50
TSS .....	0.60	.20
Oil and grease .....	0.30	.10
pH .....	( <sup>1</sup> )	( <sup>1</sup> )
	English units (pounds per 1,000 lb of anhydrous product)	
BOD5 .....	4.50	1.50

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
COD .....	13.50	4.50
TSS .....	0.60	.20
Oil and grease .....	0.30	.10
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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

[39 FR 13372, Apr. 12, 1974; 39 FR 17540, May 17, 1974, as amended at 60 FR 33952, June 29, 1995]

**§ 417.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.**

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

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 .....	0.80	0.40
COD .....	2.40	1.20
TSS .....	0.20	.10
Oil and grease .....	0.08	.04
pH .....	( <sup>1</sup> )	( <sup>1</sup> )
	English units (pounds per 1,000 lb of anhydrous product)	
BOD5 .....	0.80	0.40
COD .....	2.40	1.20
TSS .....	0.20	.10
Oil and grease .....	0.08	.04
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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

**§ 417.44 Pretreatment standards for existing sources.**

Any existing 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 standard establishes the quantity or quality of pollutants or pollutant properties controlled by this

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section which may be discharged to a publicly owned treatment works by a point source subject to the provisions of this subpart.

Pollutant or pollutant property	Pretreatment standard
pH .....	No limitation.
BOD5 .....	Do.
TSS .....	Do.
Oil and grease .....	Do.
COD .....	Do.

[40 FR 6442, Feb. 11, 1975, as amended at 60 FR 33952, June 29, 1995]

**§ 417.45 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:

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 .....	0.80	0.40
COD .....	2.40	1.20
TSS .....	0.20	.10
Oil and grease .....	0.08	.04
pH .....	( <sup>1</sup> )	( <sup>1</sup> )
	English units (pounds per 1,000 lb of anhydrous product)	
BOD5 .....	0.80	0.40
COD .....	2.40	1.20
TSS .....	0.20	.10
Oil and grease .....	0.08	.04
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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

**§ 417.46 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.

[60 FR 33953, June 29, 1995]

**Subpart E—Glycerine Distillation Subcategory**

**§ 417.50 Applicability; description of the glycerine distillation subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of finished glycerine of various grades (e.g., USP) through concentration from crude glycerine by means of distillation.

**§ 417.51 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 would result if all water were removed from the actual product.

**§ 417.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.**

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

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 .....	1.50	0.50
COD .....	4.50	1.50
TSS .....	0.60	.20
Oil and grease .....	0.30	.10
pH .....	( <sup>1</sup> )	( <sup>1</sup> )
	English units (pounds per 1,000 lb of anhydrous product)	
BOD5 .....	1.50	0.50
COD .....	4.50	1.50
TSS .....	0.60	.20
Oil and grease .....	0.30	.10
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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