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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	0.03	0.01
COD	0.09	.03
TSS	0.06	.02
Surfactants	0.03	.01
Oil and grease	0.12	.04
pH	(1)	(1)
	English units (pounds per 1,000 lb of anhydrous product)	
BOD5	0.03	0.01
COD	0.09	.03
TSS	0.06	.02
Surfactants	0.03	.01
Oil and grease	0.12	.04
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

§ 417.96 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 33954, June 29, 1995]

Subpart J—Air—SO3 Sulfation and Sulfonation Subcategory

§ 417.100 Applicability; description of the air—SO_3 sulfation and sulfonation subcategory.

The provisions of this subpart are applicable to discharges resulting from the manufacture of sulfonic acids and sulfuric acid esters by means of sulfation and sulfonation employing air and sulfur trioxide (SO_3), in either continuous or batch processes.

§ 417.101 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 *surfactant* shall mean those methylene blue active substances amenable to measurement by the method described in ''Methods for Chemical Analysis of Water and Wastes,'' 1971, Environmental Protection Agency, Analytical Quality Control Laboratory, page 131.

§ 417.102 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	0.90	0.30
COD	4.05	1.35
TSS	0.09	.03
Surfactants	0.90	.30
Oil and grease	0.15	.05
pH	(1)	(1)
	English units (pounds per 1,000 lb of anhydrous product)	
BOD5	0.90	0.30
COD	4.05	1.35
TSS	0.09	.03
Surfactants	0.90	.30
Oil and grease	0.10	.05
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

[39 FR 13372, Apr. 12, 1974, as amended at 60 FR 33954, June 29, 1995]

§ 417.103 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)	
BOD*5*	0.30	0.19
COD	1.10	.55
TSS	0.04	.02
Surfactants	0.36	.18
Oil and grease	0.08	.04
pH	(1)	(1)
	English units (pounds per 1,000 lb of anhydrous product)	
BOD*5*	0.30	0.19
COD	1.10	.55
TSS	0.04	.02
Surfactants	0.36	.18
Oil and grease	0.08	.04
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

§ 417.104 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 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.
BOD*5*	Do.
TSS	Do.
Oil and grease	Do.
COD	Do.
Surfactants	Do.

[40 FR 6443, Feb. 11, 1975, as amended at 60 FR 33954, June 29, 1995]

§ 417.105 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)	
BOD*5*	0.18	0.09
COD	0.80	.40
TSS	0.04	.02
Surfactants	0.18	.09
Oil and grease	0.04	.02
pH	(1)	(1)
	English units (pounds per 1,000 lb of anhydrous product)	
BOD*5*	0.18	0.09
COD	0.80	.40
TSS	0.04	.02
Surfactants	0.18	.09
Oil and grease	0.04	.02
pH	(1)	(1)

[1] Within the range 6.0 to 9.0.

§ 417.106 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 33954, June 29, 1995]

Subpart K—SO3 Solvent and Vacuum Sulfonation Subcategory

§ 417.110 Applicability; description of the SO_3 solvent and vacuum sulfonation subcategory.

The provisions of this subpart are applicable to discharges resulting from the operations in which undiluted SO_3 and organic reactant are fed through a mixing nozzle into a vacuum reactor where the sulfonation of the organic reactant takes place.

§ 417.111 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 *surfactant* shall mean those methylene blue active substances