

§ 415.200

40 CFR Ch. I (7-1-00 Edition)

Subpart T—Sodium Sulfite Production Subcategory

§ 415.200 Applicability; description of the sodium sulfite production subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of sodium sulfite by reacting sulfur dioxide with sodium carbonate.

§ 415.201 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 *product* shall mean sodium sulfite.

§ 415.202 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

SUBPART T—SODIUM SULFITE

Pollutant or pollutant property	BPT limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per 1,000 lb) of product	
TSS	0.032	0.016
COD	3.4	1.7
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

§ 415.203 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must

achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT):

SUBPART T—SODIUM SULFITE

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per/1,000 lb) of product	
Chromium (T)	0.0020	0.00063
Zinc (T)	0.0051	0.0015
COD	3.4	1.7

[49 FR 33420, Aug. 22, 1984]

§ 415.204 [Reserved]

§ 415.205 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS):

SUBPART T—SODIUM SULFITE

Pollutant or pollutant property	NSPS effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per/1,000 lb) of product	
TSS	0.032	0.016
Chromium (T)	0.0020	0.00063
Zinc (T)	0.0051	0.0015
COD	3.4	1.7
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

[49 FR 33421, Aug. 22, 1984]

§ 415.206 Pretreatment standards for new sources (PSNS).

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources (PSNS).

Environmental Protection Agency

§ 415.222

SUBPART T—SODIUM SULFITE

Pollutant or pollutant property	PSNS effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Milligrams per liter (mg/l)	
Chromium (total)	1.3	0.42
Zinc (total)	3.4	1.2
COD	1,260	630

In cases when POTWs find it necessary to impose mass limitations, the following equivalent mass limitations are provided as an alternate: The limitations on chromium (total), zinc (total), and COD are the same as specified in § 415.205.

[49 FR 33421, Aug. 22, 1984]

§ 415.207 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in 40 CFR 125.30 through 125.32 any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations for TSS and pH are the same as specified in § 415.202.

[49 FR 33421, Aug. 22, 1984]

Subpart U—Sulfuric Acid Production Subcategory [Reserved]

Subpart V—Titanium Dioxide Production Subcategory

§ 415.220 Applicability; description of the titanium dioxide production subcategory.

This subpart applies to discharges to waters of the United States and introduction of pollutants into publicly owned treatment works resulting from the production of titanium dioxide by the sulfate process, the chloride process, and the simultaneous

beneficiation-chlorination (chloride-ilmenite) process.

§ 415.221 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 *product* shall mean titanium dioxide.

§ 415.222 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart and producing titanium dioxide by the sulfate process must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

SUBPART V—TITANIUM DIOXIDE-SULFATE PROCESS

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per 1,000 lb) of product	
TSS	140	38
Chromium (T)	0.48	0.21
Nickel (T)	0.29	0.14
pH	(1)	(1)

¹ Within the range 6.0 to 9.0.

(b) Except as provided for in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart and producing titanium dioxide by the chloride process must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):