

(B) The benthic sediment invertebrate bioassay shall be conducted according to the test procedure specified in the American Society for Testing and Materials, Special Technical Publication 854 (ASTM STP 854) entitled, "Aquatic Safety Assessment of Chemicals Sorbed to Sediments," by W.J. Adams, R.A. Kimerle, and R.G. Mosher, published in *Aquatic Toxicity and Hazard Assessment: Seventh Symposium*, ASTM STP 854, pp. 429-453, R.D. Caldwell, R. Purdy, and R.C. Bahner, Eds., 1985 which is incorporated by reference. This published procedure is available for public inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). Copies may be obtained from the Director, Environmental Assistance Division (7408), Office of Pollution Prevention and Toxics, Environmental Protection Agency, Rm. E-543B, 1200 Pennsylvania Ave. NW., Washington, DC 20460-0001. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 522(a) and 1 CFR part 51. The method is incorporated as it exists on the effective date of this rule and a notice of any change to the method will be published in the FEDERAL REGISTER.

(ii) *Reporting requirements.* (A) The benthic sediment invertebrate bioassay, if required, shall be completed and the final report submitted to EPA within 21 months of the effective date of the final rule.

(B) An interim progress report shall be submitted to EPA for the benthic sediment invertebrate bioassay 6 months after the initiation of the test.

(e) *Chemical fate testing*—(1) *Vapor pressure*—(i) *Required testing.* Vapor pressure testing shall be conducted with TBP in accordance with § 796.1950 of this chapter.

(ii) *Reporting requirements.* The vapor pressure test required in paragraph (d)(1) of this section shall be completed and the final report submitted to EPA by September 27, 1990.

(2) *Sediment and soil adsorption isotherm*—(i) *Required testing.* Sediment

and soil adsorption isotherm testing shall be conducted with TBP in accordance with § 796.2750 of this chapter and EPA will provide two soil and two sediment samples.

(ii) *Reporting requirements.* (A) The sediment and soil adsorption isotherm test required under paragraph (d)(2) of this section shall be completed and the final report submitted to EPA by September 27, 1990.

(B) For the purpose of this section, the following provisions also apply:

(1) A Koc value shall be calculated for each test sediment using the equation  $Koc=K/(\text{percent of organic carbon in test sediment})$ .

(2) [Reserved]

(3) *Hydrolysis as a function of pH at 25 °C*—(i) *Required testing.* Hydrolysis testing shall be completed with TBP in accordance with § 796.3500 of this chapter.

(ii) *Reporting requirements.* The hydrolysis test required under paragraph (e)(3)(i) of this section shall be completed and the final report submitted to EPA by September 27, 1990.

(f) *Effective date.* (1) The effective date of this final rule is September 27, 1989, except for paragraphs (c)(2)(ii)(A), (c)(3)(ii)(A), (c)(6)(i)(A), (c)(6)(i)(B)(3), (c)(8)(i), (c)(8)(ii)(A), (d)(5)(ii)(A), (d)(6)(ii)(A), (e)(1)(ii), (e)(2)(ii)(A), and (e)(3)(ii) of this section. The effective date for paragraphs (c)(2)(ii)(A), (c)(3)(ii)(A), (c)(8)(i), (e)(1)(ii), (e)(2)(ii)(A), and (e)(3)(ii) of this section is May 21, 1991. The effective date for (c)(8)(ii)(A), (d)(5)(ii)(A), and (d)(6)(ii)(A) of this section is June 12, 1992. The effective date for (c)(6)(i)(A), (c)(6)(i)(B)(3), and (c)(8)(ii)(A) is May 28, 1993.

(2) The guidelines and other test methods cited in this rule are referenced as they exist on the effective date of the final rule.

[54 FR 33413, Aug. 14, 1989; 56 FR 23231, May 21, 1991, as amended at 57 FR 24961, June 12, 1992; 58 FR 30992, May 28, 1993; 58 FR 34205, June 23, 1993; 60 FR 34467, July 3, 1995; 69 FR 18803, Apr. 9, 2004; 77 FR 46293, Aug. 3, 2012]

#### § 799.4440 Triethylene glycol monomethyl ether.

(a) *Identification of test substance.* (1) Triethylene glycol monomethyl ether (TGME, CAS No. 112-35-6) shall be tested in accordance with this section.

(2) TGME of at least 90 percent purity shall be used as the test substance.

(b) *Persons required to submit study plans, conduct tests, and submit data.* All persons who manufacture or process TGME, other than as an impurity, after May 17, 1989, to the end of the reimbursement period shall submit letters of intent to conduct testing, submit study plans, conduct tests and submit data, or submit exemption applications as specified in this section, subpart A of this part, and parts 790 and 792 of this chapter for single-phase rulemaking.

(c) *Developmental neurotoxicity—(1) Required testing.* Developmental neurotoxicity testing shall be performed in the Sprague-Dawley rat by gavage in accordance with § 795.250 of this chapter except for the provision in paragraph (c)(3)(iii) of § 795.250.

(2) For the purpose of this section, the following provisions also apply:

(i) *Number of animals.* The objective is for a sufficient number of pregnant rats to be exposed to ensure that an adequate number of offspring are produced for neurotoxicity evaluation. At least 24 litters are recommended at each dose level.

(ii) *Dose levels and dose selection.* In the absence of developmental toxicity or maternal toxicity the maximum dose shall be 5 grams/kilogram.

(3) *Reporting requirements—(i) The developmental neurotoxicity test shall be*

completed and the final report submitted to EPA within 21 months of the initiation of the test.

(ii) Progress reports shall be submitted to EPA at 6-month intervals, beginning six months after the initiation of the test.

(d) *Effective date.* (1) The effective date of this final rule is May 17, 1989, except for paragraph (c)(2)(i) and (c)(3)(i) of this section. The effective date for paragraph (c)(2)(ii) and (c)(3)(i) of this section is May 21, 1991.

(2) The guidelines and other test methods cited in this rule are referenced as they exist on the effective date of the final rule.

[54 FR 13477, Apr. 3, 1989; 56 FR 23232, May 21, 1991, as amended at 58 FR 34205, June 23, 1993]

**Subpart C—Testing Consent Orders**

**§ 799.5000 Testing consent orders for substances and mixtures with Chemical Abstract Service Registry Numbers.**

This section sets forth a list of substances and mixtures which are the subject of testing consent orders adopted under 40 CFR part 790. Listed below in Chemical Abstract Service (CAS) Registry Number order are the substances and mixtures which are the subject of these orders and the FEDERAL REGISTER citations providing public notice of such orders.

CAS Number	Substance or mixture name	Testing	FR Publication Date
67-64-1	Acetone .....	Health effects .....	January 23, 1995.
71-55-6	1,1,1-Trichloroethane .....	Health effects .....	August 23, 1989.
78-83-1	Isobutyl alcohol .....	Health effects .....	January 23, 1995.
79-10-7	Acrylic Acid .....	Health effects .....	March 4, 1992.
84-74-2	Di- <i>n</i> -butyl phthalate .....	Environmental effects ..	January 9, 1989.
84-75-3	Di- <i>n</i> -hexyl phthalate .....	Environmental effects ..	January 9, 1989.
100-40-3	4-Vinylcyclohexene .....	Chemical fate .....	January 9, 1989.
		Health effects .....	September 23, 1991.
		Chemical fate .....	September 23, 1991.
106-91-2	Glycidyl methacrylate .....	Health effects .....	January 26, 1995.
108-10-1	Methyl isobutyl ketone .....	Health effects .....	January 23, 1995.
109-99-9	Tetrahydrofuran .....	Health effects .....	January 23, 1995.
110-82-7	Cyclohexane .....	Health Effects and Environmental Releases Report.	November 18, 1994.
112-35-6	Triethylene glycol monomethyl ether .....	Health effects .....	April 3, 1989.
112-50-5	Triethylene glycol monoethyl ether .....	Health effects .....	April 3, 1989.
117-81-7	Di-2-ethylhexyl phthalate .....	Chemical fate .....	January 9, 1989.
119-06-2	Diisodecyl phthalate .....	Chemical fate .....	January 9, 1989.
123-86-4	<i>N</i> -butyl acetate .....	Health effects .....	January 23, 1995.
131-11-3	Dimethyl phthalate .....	Environmental effects ..	January 9, 1989.
141-78-6	Ethyl acetate .....	Health effects .....	January 23, 1995.
141-79-7	Mesityl oxide .....	Health effects .....	September 5, 1991.
143-22-6	Triethylene glycol monobutyl ether .....	Health effects .....	January 9, 1989.
143-33-9	Sodium cyanide .....	Chemical fate .....	December 17, 1991.