

Rule 57 Aquatic Values Data Sheet

Chemical name: Chloroethane
 CAS #: 75-00-3

Developed by: D. Bush
 Approved by: B. Sayer
 Approval date: 9/8/04
 Literature search date: 12/11/1997

FAV: 20,000 ug/L (Tier 2)
 AMV: 10,000 ug/L (Tier 2)
 FCV: 1,100 ug/L (Tier 2)
 Acute CF: ---- Chronic CF: ----

ACUTE DATA

Species	Test type (EC or LC50)	Duration (hours)	Test conditions (FT, M, etc.)	Hardness mg/L	Chemical	LC50/EC50 ug/L	SMAV ug/L	GMAV ug/L	Rank	Refers
Fathead minnow (<i>Pimephales promelas</i>)	LC50	96	SR, M	82		266,000	266,000	266,000	1	1
Water flea (<i>Daphnia magna</i>)	LC50	48	S, M	82		322,000	322,000	322,000	2	1

note: A literature search conducted on May 5, 2008 revealed no new studies for critical development.

CHRONIC DATA

Species	Test type (ELS, etc.)	Duration (days)	Study Conditions (FT, M etc.)	Hardness mg/L	Chemical	MATC ug/L	SMCV ug/L	GMCV ug/L	Rank	Reference
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No useful chronic studies available.

References:

- 1.) Environmental Resources Management. 2004. Aquatic Toxicity Testing of Chloroethane for Mixing Zone Based GSI Interface Criteria Development