

AMBIENT SURFACE WATER QUALITY  
STANDARDS DOCUMENTATION

CHEMICAL: Tributyltin oxide

VALUE(S) ADDED

8-08-83

CAS NO.(s): 56-35-9

FACT SHEET REVISED

9-6-85

BASIS (Human/Aquatic): Human

VALUE(S) REMOVED

WATER CLASSIFICATION: AA; AA-s; A; A-s

STANDARD: 50 ug/l

Note E

REMARKS:

SUMMARY INFORMATION:

Available toxicity information on this compound has been reviewed.<sup>1,2</sup> A search of the scientific literature failed to reveal any recent studies upon which to calculate a guideline based on chronic toxicity or aesthetic characteristics. The compound has not been adequately tested to determine its oncogenic potential.

STANDARD DERIVATION

Inadequate data base for this chemical precludes the use of any derivation outlined in Section 701.3 through 701.7. Therefore, the general guideline of 50 ug/l is recommended as the standard.

REFERENCES:

- (1) U.S. Dept. of Health, Education and Welfare. 1973. Environmental Health Perspectives. DHEW Pub. No. (NIH) 74-218, Bethesda, Md., Vol. 4: 61.
- (2) Clayton, George D. and F.E. Clayton. 1981. Patty's Industrial Hygiene and Toxicology. Vol. 2A. John Wiley and Sons, New York. p. 1951-1968.

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