

AMBIENT SURFACE WATER QUALITY  
STANDARDS DOCUMENTATION

CHEMICAL: 2-(2-Hydroxy-3,5-di-tert-pentylphenyl)-benzotriazole

CAS NO.(s): 25973-55-1

VALUE(S) ADDED 5-10-84

BASIS (Human/Aquatic): Human

FACT SHEET REVISED 9-6-85

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

VALUE(S) REMOVED

STANDARD: 50 ug/l

Note E

REMARKS:

SUMMARY INFORMATION:

A search of the scientific literature conducted on 2-(2-hydroxy-3,5-di-tert-pentylphenyl)-benzotriazole failed to reveal any studies upon which to calculate a guideline based on chronic toxicity or aesthetic characteristics.<sup>1</sup> The compound is used as an ultraviolet light absorber in plastics<sup>2</sup> and has not been adequately tested to determine its oncogenic potential.

STANDARD DERIVATION:

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

REFERENCES:

- (1) Computer Search of National Toxicology of Medicine (NLM) through 1984.
- (2) Hites, R.A. et al. 1979. Potentially toxic organic compounds in industrial wastewaters and river systems: two case studies. Monitoring Toxic Substances. D. Schultze, ed. American Chemical Society, Washington, D.C. pp. 63-90.

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