

AMBIENT SURFACE WATER QUALITY
STANDARDS DOCUMENTATION

CHEMICAL: Pyridine

- VALUE(S) ADDED 7-24-85

CAS NO.(s): 110-86-1

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 pyridine has been reviewed.^{1,2,3,4} Insufficient data exist upon which to calculate a guideline based on aesthetic characteristics, chronic toxicity or oncogenic potential. A carcinogenesis bioassay sponsored by the National Toxicology Program has recently been completed and a technical report is in preparation but will not be available for some time. The standard may be modified once the results are available.

STANDARD DERIVATION

Inadequate data base for this compound 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) Gosselin, R.E., 1980, Clinical Toxicology of Commercial Products, 4th Ed., Williams and Wilkins Co., Baltimore, Md., p. 243-4.
- (2) Sittig, M. 1981. Handbook of Toxic and Hazardous Chemicals. Noyes Publications, Park Ridge, N.J., p. 580-581.
- (3) Jori, A. et al. 1983. Ecotoxicological profile of pyridine, Ecotoxicol. Environ. Safety. 7: 251-275.
- (4) Davis, K.R. et al. 1981. Toxic and teratogenic effects of selected aromatic amines on embryos of the amphibian Xenopus laevis, Arch. Environ. Contam. Toxicol. 10: 371-91.

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