

AMBIENT SURFACE WATER QUALITY
STANDARDS DOCUMENTATION

CHEMICAL: Acrylic Acid

VALUE(S) ADDED 5-10-84

QAS NO.(s): 79-10-7

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.^{1,2} Insufficient data exist 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) Monograph on the Evaluation of the Carcinogenic Risk of Chemicals to Humans. 1979. Vol. 19, International Agency for Research on Cancer.
- (2) Tanii, H. and Hashimoto, K., Toxicology Letters. 1982. 11, 125-129. Structure-Toxicity Relationship of Acrylates and methacrylates.

JS/pb

NOV 84

SEP. 6 1985