

AMBIENT SURFACE WATER QUALITY  
STANDARDS DOCUMENTATION

CHEMICAL: Alkyl diphenyl oxide sulfonates

VALUE(S) ADDED 8-08-83

CAS NO.(s):

FACT SHEET REVISED 9-6-85

EXPOS (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 these compounds have been reviewed.<sup>1,2,3,4,5</sup> However, insufficient data exist upon which to calculate a guideline based on chronic toxicity or aesthetic characteristics. These compounds have not been adequately tested to determine oncogenic potential.

STANDARD DERIVATION:

Inadequate data base for these chemicals 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) Gloxhuber, C. 1974. Arch. Tox., 32, 245-270.
- (2) Markis, N. et al. 1979. Bull. Env. Contam. Tox., 22, 449-456.
- (3) Szymaniec, J. et al. 1980. Int. Archs. Allergy Appl. Imm., 63, 88-96.
- (4) Drotmeir, R. 1980. Tox. Appl. Pharm., 52, 38-44.
- (5) Swisher, R. 1968. Arch. Env. Health, 17, 232-246.

NOV 84

SEP 1985