

AMBIENT SURFACE WATER QUALITY
STANDARDS DOCUMENTATION

CHEMICAL: Butoxyethoxyethanol VALUE(S) ADDED 8-08-83
CAS NO.(s): 112-34-5 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:

Although much acute toxicity information is available on the effects of ethylene glycol¹ (a related compound), very little data exist on the effects of butoxyethoxyethanol (also known as butylcarbital^R and diethylene glycol monobutyl ether). A search of the scientific literature failed to reveal any studies upon which to calculate a guideline for butoxyethoxyethanol 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 a standard.

REFERENCES:

- (1) Gosselin, R. et al., 1976. Clinical Toxicology of Commercial Products, 4th Ed., Williams & Williams, Baltimore.

JS/pb

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