

VALUE(S) ADDED 7-24-85

FACT SHEET REVISED -----

VALUE(S) REMOVED -----

Date: August 6, 1984

Surface Water Quality
Standard Documentation

Chemical: Diazinon

C.A.S. No.(s): 333-41-5

Basis (Human/Aquatic): Aquatic

Standard by Water Classification:

	<u>ug/l</u>	<u>Notes</u>
Classes AA,AA-s;A;A-s;B;C	0.08	J
Class D		
Classes SA;SB;SC;I		
Class SD		

Remarks:

Summary of Information

IJC. 1977. New and revised water quality objectives, Vol. II. International Joint Commission, Regional Office, Windsor, Ont. 155 pp.

-recommended criterion: "The concentration of diazinon in an unfiltered water sample should not exceed 0.08 micrograms per litre for the protection of aquatic life."

-based on the application of a factor of 0.05 (used for non-persistent chemicals) to the 96 hour LC₅₀ for stonefly of 1.7 ug/l.

Standard Derivation

The criterion recommended by IJC is scientifically sound, satisfies NYS protocol and should be adopted for all freshwater classes except D.