

REGULATION NO. 157, OF 26 OCTOBER 1982

THE MINISTER OF THE STATE INTERIOR DEPARTMENT, upon a proposal from the Special Secretary for the Environment - SEMA, by the power vested in him by Article 4 of Decree No. 73.030, of 30 October 1973;

In view of the recommendations regarding the use of industrial soil, included in Supervisory Project 0003/79 - Directives on Use of Soil: CEEIVAP Macro zoning;

In view of the need for regulations to prohibit the installation and expansion of industries whose final effluent contains substances which are not degradable and have a high degree of toxicity, according to paragraph III of Art. 3 of Decree No. 87.561/82;

In view of the need for regulations to prohibit the installation and expansion of industries who introduce carcinogenic substances into their final effluent, according to paragraph IV of Art. 3 of Decree No. 87.561/82;

RESOLVES:

1. That the introduction of liquid effluent containing substances which are not degradable and have a high degree of toxicity, resulting from any industrial activity, shall comply, for protection of the health, safety and well-being of the populations who use the water in Paraiba do Sul River as a supply source, with the standards, criteria and directives established by this Regulation.

2. To consider as non-degradable substances with a high degree of toxicity, for purposes of the preceding paragraph, as:

a) those that, in the aquatic environment, show persistence characterized by a half-life of over 4 days;

b) those that, in the aquatic environment, show acute toxicity characterized by a CL[50] of less than 1 mg/l;

c) those that have shown acute oral toxicity in mice, characterized by a DL[50] of less than 100 mg/kg.

3. To prohibit the introduction of final industrial flow which contains the following carcinogenic substances:

lead acetate nitrogen thiopyrine benzene cyclophosphates vinyl chloride procarbazine hydrochloride vincristine sulfate treosulfan 4-aminobiphenyl arsenic asbestos auramine 1,2 benzanthracene benzidine 3,4 benzopyrene beryl BHC - alpha, beta, gamma bichloroethylnitrourea - BCNU chlorambucil 1-2, chloroethyl) - 3 cyclohexyl-1-nitrous urea-CCNU decarbazine DDT 4,4'-diaminodiphenylether 3,3'-dichlorobenzidine dieldrin di(2-ethylhexyl)phthalate diethylnitrosamine ethyl carbamate ethylenothiourea phenazopyridine methylthiouracil nafenopin 2-naphthylamine nitropropane N-nitrous di-n-butylamine N-nitrosodimethylamine N-nitrosomethylurea N-nitrous-N-methylurethane PCB's (Kaneclor 500 and Aroclor 1254) propylthiouracil thiourea o-toluidine

4. This Regulation will enter into force on the date of its publication.

MARIO DAVID ANDREAZZA Minister of the Interior