

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

November 10, 1998

TO: File for estradiol cypionate (CAS #313-06-4)

FROM: Cathy Simon, Supervisor, Toxics Unit, Air Quality Division

SUBJECT: Change in the Initial Threshold Screening Level (ITSL)

The ITSL for estradiol cypionate has been changed from 0.04 ug/m³ to 0.1 ug/m³ based on an annual averaging time.

The change in the ITSL was made due to a revision in the State's air toxic rules which became effective on November 10, 1998. Previously, the ITSL had been set pursuant to Rule 232(i). This rule sets the ITSL at a default value of 0.04 ug/m³ (annual average) when no specific data are available to determine an ITSL. The November 10, 1998 revisions to the rules changed this default ITSL to a value of 0.1 ug/m³.

No updated review of the literature has been done since the ITSL was originally set at a value of 0.04 ug/m³, to determine if new data are available for this compound.

CAS:SLB

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

October 1, 1993

TO: File for Estradiol Cypionate (CAS No. 313-06-4)

FROM: Marco Bianchi

SUBJECT: Initial Threshold Screening Level

The initial threshold screening level (ITSL) for Estradiol Cypionate is 0.04 $\mu\text{g}/\text{m}^3$ based on an annual averaging time.

The following references or databases were searched to identify data to determine the ITSL: IRIS, HEAST, NTP Management Status Report, RTECS, EPB-CCD, EPB library, CAS-online, NLM-online, IARC, NIOSH Pocket Guide, and ACGIH Guide.

A review of RTECs provided only nonessential information about estradiol cypionate, and data obtained through CAS- and NLM-online was insufficient to derive an ITSL. No other information about this chemical was available, therefore, the ITSL is set at trace.

ITSL for estradiol cypionate = 0.04 $\mu\text{g}/\text{m}^3$ based on annual averaging.

MB:ma