

78104.mem
chemicals
ETHYL SILICATE
9/14/92

To: File

From: Betty Locey

Subject: ITSL for ethyl silicate (78-10-4).

The ITSL for ethyl silicate is based on 1% of the TLV.

ITSL = 0.85 mg/cu m = 850 ug/cu m - 8 hour average

EVALUATION OF EXISTING DATA

I. NO EPA IRIS FILE

no RFC

no RfD

II. OCCUPATIONAL EXPOSURE LIMITS

TLV-TWA = 10 ppm = 85 mg/cu m [1986]

NIOSH REL = 10 ppm = 85 mg/ cu m [1990 NIOSH book]

IDLH = 1000 ppm

TLV considers both acute and subchronic data.

TLV is based on prevention of adverse health effects.

Has not changed between the 1989/1990 and 1990/1991 TLV booklet.

Not on the 1992-1993 Notice of Intended Change list [ACGIH].

The ITSL for ethyl silicate should be based on 1% of the TLV according to our interim criteria.

ITSL = 1% 85 mg/cu m = 0.85 mg/cu m = 850 ug/cu m - 8 hour average

To: Mina McLenore, Permits

From: Betty Locey, Toxics

Subject: ITSL for ethyl silicate [78-10-4] for permit no. 258-92.

The ITSL for ethyl silicate is based on 1% of the TLV. If you have any questions on this, feel free to call me.

ITSL = 0.85 mg/cu m = 850 ug/cu m - 8 hour average