

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

November 10, 1998

TO: File for sodium methylate (CAS #124-41-4)

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

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

The ITSL for sodium methylate 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 Sodium Methylate (CAS # 124-41-4)
FROM: George Eurich
SUBJECT: Screening Level for Sodium Methylate

The ITSL for Sodium Methylate is 0.04 ug/m³ based on annual averaging time.

Searches of all available databases were negative with respect to sodium methylate. The only information found on this chemical was in a MSDS supplied by the permit applicant. One manufacturer of sodium methylate listed a LC₃₀ for rats of 200 mg/l of expired air for 1 hour, and a LD₅₀ of 1.1 g/kg also in rats. These data could not be verified because their supporting documentation could not be acquired. The screening level for sodium methylate is therefore set at the default level of 0.04 ug/m³, based on annual averaging time.

GE:ma