

Michigan Department of Natural Resources

Interoffice Communication

July 14, 1992

To : Heptane File (CAS # 142-82-5)
From : Gary Butterfield
Subject : ITSL for Heptane

The NIOSH REL for heptane is 350 mg/m³.

Based on the July 1992 Interim Process for Developing Screening Levels, the ITSL for this material is based on one percent of the NIOSH REL. Under the Interim Process, the ITSL will continue to be based on 1 % of REL if there is no EPA RfC, there is no EPA RfD or it is not appropriate to convert the RfD to an ITSL, the REL or TLV is based on data other than acute exposure data, the REL or TLV is based on health effects information, and the TLV is not included on the list of TLV's intended to be updated.

Therefore the ITSL is calculated by :

ITSL = 0.01 x (350 mg/m³) = 3500 ug/m³
with an 8 hour averaging time.