MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

November 10, 1998

TO: File for chlorofluorobenzonitrile (CAS #668-45-1)

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

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

The ITSL for chlorofluorobenzonitrile has been changed from 0.04 µg/m³ to 0.1 µg/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 µg/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 µg/m³.

No updated review of the literature has been done since the ITSL was originally set at a value of 0.04 µg/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 Chlorofluorobenzonitrile (CAS #668-45-1)

FROM: Marco Bianchi

SUBJECT: Initial Threshold Screening Level

The initial threshold screening level (ITSL) for chlorofluorobenzonitrile is 0.04 µg/m³ based on an annual averaging time.

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

Chlorofluorobenzonitrile was not listed in any of these references or databases. Therefore, according to Air Pollution Control Commission General Rules, Part 2; Rule 232; subrule 1(i):

> If an initial threshold screening level cannot be determined pursuant to the provisions of subrule (1)(a), (b), (c), (d),(e), (f), or (g) of this rule, then the initial threshold screening level = 0.04 µg/m³.

ITSL for chlorofluorobenzonitrile = 0.04 µg/m³ based on annual averaging.

MB:ma