



ACTION ALERT

Follow up

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RECEIVED

JUL 21 1978

U. S. DIV.

July 20, 1978

To the Official Representative of Each
Active and Associate Member Company
in the United States:

Subject: PRELIMINARY CLASSIFICATION OF
SUSPECTED CARCINOGENS

Additional information on this subject has come to our attention which I feel should be passed on to you to supplement my letter of July 18, 1978.

First, it appears that chemical substances in coal tar and/or coal tar pitch were given more attention by Clement Associates than we realized, although this was not immediately apparent because only two of their numerous complex constituents were included on the Safety and Health Committee's list which we used for screening purposes. What to do about these substances becomes a very difficult problem which will take more time to study before we can offer any definitive advice. For planning purposes in the interim, however, my personal opinion is that users of coal tar and coal tar pitch should assume a very strong probability that Category I regulations will be applicable to their use in the future.

Please refer to the attached table which compares current suggested classifications for a group of chemical substances commonly associated with coal tar/coal tar pitch, and clearly indicates both the range of opinion concerning carcinogenicity as well as the lack of agreement existing at the present time (N/C indicates not classified).

Second, we received a copy of a preliminary suggested list of substances classified as Category I (only) compiled by NIOSH. There are both similarities and substantial differences between some of NIOSH's classifications of chemicals we use and Clement Associates' (CA's) lists, summarized as follows:

1. NIOSH agreed with CA's Category I classification on:

Asbestos	Chromic acid, Chromium (3+) salt (3:2)
Benzene	Chromium (III) oxide (2:3)
Carbon Tetrachloride	Chromium (VI) oxide (1:3)

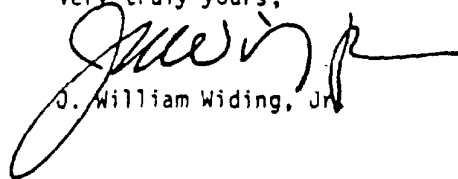
2. NIOSH disagreed with CA's Category I classification on:

Acetic acid, Lead (2+) salt	Ethylenediamine, N,N'-Diethyl-
Chromic acid, Dipotassium salt	N,N'. Dinitrosa
Chromic acid, Disodium salt	Serpentine
Chromite	Tannic acid
Chromium	

3. NIOSH classified as Category I these substances which CA had classified lower:

Anthracene
Ethyl alcohol

Very truly yours,



J. William Widing, Jr.

JWW/hm

cc: Environmental Protection Committee
Safety & Health Committee
Technical Advisory Committee
Toxic Substances Subcommittee
H. W. Fulton, Jr.

G-00058

SUGGESTED CLASSIFICATION OF CHEMICALS
ASSOCIATED WITH COAL TAR/COAL TAR PITCH

<u>NIOSH NUMBER</u>	<u>NAME</u>	<u>NIOSH CLASSIFICATION</u>	<u>CA CLASSIFICATION</u>
AB 09000	Acenaphthene	N/C	N/C
BW 66500	Aniline	N/C	N/C
CA 93500	Anthracene	I	III
DJ 36750	Benzo (A) Pyrene	I	I
DL 42000	Benzo (E) Pyrene	I	II
DV 57750	2-Biphenylol (<u>o</u> -Phenylphenol)	N/C	N/C
DV 58500	4-Biphenylol (<u>p</u> -Phenylphenol)	N/C	N/C
GC 07000	Chrysene	I	III
	<u>m</u> -Cresol	N/C	N/C
	<u>o</u> -Cresol	N/C	N/C
	<u>p</u> -Cresol	N/C	N/C
LL 40250	Fluoranthene	N/C	N/C
NL 24500	Indole	N/C	III
QJ 05250	Naphthalene	N/C	II
QM 14000	1-Naphthylamine	N/C	I
QM 21000	2-Naphthylamine	I	I
SF 71750	Phenanthrene	N/C	II
SJ 33250	Phenol	N/C	III
UR 24500	Pyrene	N/C	II
XU 28000	<u>m</u> -Toluidine	N/C	III
XU 29750	<u>o</u> -Toluidine	N/C	I
XU 31500	<u>p</u> -Toluidine	N/C	III
ZE 56000	2,4-Xylenol	N/C	II
ZE 57750	2,5-Xylenol	N/C	II
ZE 61250	2,6-Xylenol	N/C	III
ZE 63000	3,4-Xylenol	N/C	II
ZE 64750	3,5-Xylenol	N/C	II

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