

Interoffice Communication

To Distribution
From Tom Grumbles
Date April 22, 1983
Subject CCPTAC MEETING OF APRIL 14

The subject meeting was held in Ponca City with myself, Bill Broddle, Carl Kerfoot, and Joe Ledvina in attendance. Minutes and action items from the meeting are below. A meeting agenda is attached.

1. Action items from the January 24 meeting were discussed. All of the items, except the action on Chemicals' products without TLVs, have been completed. These actions are recorded and distributed to the committee.
2. Bill Broddle discussed testing results received since the last meeting. A draft summary table is attached. This will be amended as needed in the near future. Tom Grumbles will see that these results are conveyed to the appropriate business area.

Bill Broddle raised the issue of us having no data on 1012-40 and 1214 GC-30. When MSDSs were prepared for these products, testing data for similar materials was used with the proper "representative" statements. After reviewing this again, it was decided no testing would be needed.

3. The only testing we currently have underway is the additional oral toxicity work being done on 550-L and 600-L sulfonates.
4. The 11th-ITC Report list of candidate chemicals was reviewed in light of Conoco's continuing obligation to report applicable studies under TSCA 8(d). This review did not indicate any applicable studies on the listed chemicals.

1-3 Pentadiene, which appeared on the 10th list, has been deferred by ITC. This decision was based on two factors: 1) the chemicals volatility, and subsequent non-persistence; 2) most processing is in closed systems, precluding significant worker exposure.

5. A change in the method of using existing data from the agencies files was reviewed. It appears that companies wishing to use existing data for pesticide registration need not negotiate reimbursement with the originating company.

Re-registration ALFOL 8 and ALFOL 810 was discussed. Bill Groves will review the regs to determine when and if this is necessary.

6. The results of the additional testing done on ALFONIC 1412-70 were reviewed. Bill Broddle summarized these results in a February 24 memo to TGG, which was also copied to the committee.

In review, the initial results for oral and inhalation testing on this product indicated that it may be relatively more toxic than other similar materials. Based on the results of the retesting, considering the inherent variability of acute testing, and the "real world" exposure potentials, it is Bill's opinion that this product poses no unusual or significantly different toxic hazard than other similar materials.

7. A summary discussion was held concerning the utility and practicability of inhalation testing for very low vapor pressure chemicals. (i.e., ALFONICS, n-paraffins, etc.) Bill Broddle's memo of 2/3/83 also deals with this issue.

In general, it is not practical to do inhalation testing on particular chemicals products (i.e., ALFONICS) for the following reasons:

1. Difficulties in achieving the regulatory threshold concentrations (i.e. 2 mg/l).
2. Validity of test in terms of actual exposure (vapor vs. mist).
3. Exposure potential for foreseeable uses of the products.
4. Other producers of these products do not do similar testing.

In order to assure the chemicals to be tested are properly chosen Bill Broddle will develop guidelines to be used. Carl Kerfoot will obtain physical data on the products as needed.

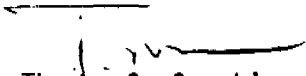
Our testing contractor has indicated the capability to run a pilot concentration test on any product that is suspect. If a threshold concentration cannot be reached, we will be contacted as to whether to continue the study or not. This procedure will be a part of the final policy.

8. Current regulatory and company actions concerning ethylene oxide were reviewed. OSHA is expected to publish an NPR the last part of April (this did appear on 4/21) with a 1.0 ppm EO exposure level. The industry is still negotiating with EPA on a TSCA section 4(a) testing protocol.

The major company concern is the potential customer reaction to residual EO levels in ethoxylates. These levels are typically below 1.0 ppm in the liquid of in-plant produced product. Based on our knowledge and plant measurements, this level would not present a significant exposure potential or customer hazard during normal handling procedures.

9. Borg-Warner has requested a full study report for testing we have done on 2-3-6 TMP. The request and study were reviewed. The committee approved this action and Tom Grumbles will transmit the study with the cover letter as approved.

10. Skin irritation testing for surfactants and ALFOLS was discussed in terms of regulatory testing guidelines. The FHSA and CPSC specify a 24-hour exposure period. The EPA, DOT, and OECD specify a 4-hour exposure period. Based on the potential exposures and the need for DOT classification it would seem most efficient to do 4-hour testing as a general rule. Bill Broddle will check with other producers to determine what type of testing they do. Based on this additional information and the apparent benefits, we will then decide whether or not to go to 4-hour testing.
11. Bill Broddle brought the committee up-to-date on new information on Benzene. There are several toxicology studies approaching completion and a new risk assessment paper. Basically, it appears OSHA may have the data it needs to meet the Supreme Court mandate of lowering the standard. Last week OSHA announced its intention to publish an ANPRM on benzene in May. An update Bill Broddle presented to the DuPont AEL committee will be included in the file.
12. Proctor and Gamble had requested aquatic toxicity data on the NALKYLENES. After a search of our files and applicable literature, no significant data was found.
13. An article describing a carcinogenic bioassay on Ethoxylated Dodecyl Alcohol (40% and 60%) was presented by Bill Broddle and is attached. The test results were negative.


Thomas G. Grumbles

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Attachment

Distribution:

W. D. Broddle
W. L. Groves
O. C. Kerfoot
M. Malloy

RECEIVED

APR 10 1983

ROUTE TO: _____

COPIES TO: _____

FILE: _____

CONOCO CHEMICAL TEST DATA/UPDATE

	<u>ORAL</u>	<u>SKIN</u> ^b		<u>EYE</u> ^b	<u>INHALATION</u>
		<u>IRRIT.</u>	<u>LD₀</u>		
Alfonics:					
1012-40 (discussed 10/82, CCTPAC)	No Sample?				
1214-GC 30 (No sample)					
1214-HA30 (Retesting skin 4-Hr. irrit., 3/83)	1/10, 5g/kg	5.6 ^a	0/10 (24-Hr), 2g/kg	3	0/10 1.2, 1.6mg/l
1214-70	2.9 (LD ₅₀)	3.7	LD ₅₀ , Ca 3	57(Vas.); Washed, 47 (Vas.)	LC ₅₀ , 9.4mg/l 1-Hr, Sci. Assoc.
Novel 1412-70 (Retesting skin 4-HR, and oral, 10/sex) Sent 3/83	M:1.7 1.8 F:0.7 0.9	2.2	0/10, 2g/kg	52(Vas.); Washed, 33(No Vas.)	10/10, 4-Hr. 2.8, 5.7mg/l (Mist very dense).
Nalkylenes:					
550 L (Oral, 10/sex, LD ₅₀ , sent 4/83)	5/5, 5g/kg	4.9	0/10, 2g/kg	46; Washed, 27	Not done.
600 L (" " " sent 4/83)	" "	4.8	" "	38; Washed, 8	" "

a) 4 Hr. Exposure: $\frac{4\text{-Hr}}{1.0}$ $\frac{24\text{-Hr}}{2.8}$ $\frac{72\text{-Hr}}{3.5}$ $\frac{96\text{-Hr}}{3.8}$ $\frac{\text{day 7}}{1.7}$

b) Definitions:

Vas.: vascularization
 Irrit.: irritation index
 LD₀: 0% lethal dose

VEV-275110



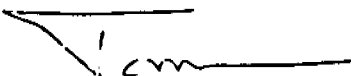
Jim 1-24/RF
xf. CCPTAC

Interoffice Communication

To Distribution
From Tom Grumbles
Date April 4, 1983
Subject CCPTAC MEETING

A meeting of the Toxicology Assessment Committee is scheduled for Thursday, April 14, 8:30 a.m. to 12:00 in Ponca City. The conference room will be announced later. Below are preliminary agenda items. Please call if you need to add other items of business.

1. Review of Action Items from January 24 meeting (TGG)
2. Review of results received since January 24 (WDB)
3. Outstanding testing (WDB)
4. TSCA 8(d); ITC 11th Report (TGG) (attached)
5. Pesticide registration change (letter attached)
- 6. Review of Novel Ethoxylate testing, results and recommendations.
7. Discussion of Inhalation testing rationale
8. Report on EO regulations and company actions (TGG)
9. Borg-Warner request
10. Skin irritation guidelines/methodology (WDB)
11. Benzene update
12. Other Old Business
13. New Business



Thomas G. Grumbles

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Attachments

Distribution:

Bill Broddle
Bill Groves
Carl Kerfoot
Michele Malloy

VEV-275111