Landesoberbergamt Dortmund
Attn. Mr. President A. Coenders
4600 Dortmund

Jan. 18, 1972

Dear Mr. Coenders,

Hydraulic Fluids for mines
Pydraul A-200,280,281,625

We refer to our discussions with your office held on the 27th October 1971 and 7th January 1972 and would now like to inform you of the envorinmental problem which has arisen recently in connection with the use of products based on polychlorinated byphenils in hydraulic fluids as well as in other similar applications. New developments show that PCBs can accumulate in the environment and that they have in certain instances been found in food stuff or in the food chains. As a result Monsanto has taken the decision to disc ontinue sales of these products to so called "uncontrolled applications" that is an application where the use of product cannot be sufficiently controlled to prevent leakage into the environment.

Our products Pydraul A 200, Pydraul 280 and Pydraul 281 are us extensively in various mining applications as hydraulic fluids and these products contain at least 75% polychlorinated biphen

We understand that this concentration of PCBs has been found necessary in hydraulic fluids in order that they may have the degree of fire resistance required to pass the fire tests as described in the 4th report of the Commission of the European Commities (CECA) mines safety commission. Furthermore, we understand that, following our earlier advices of these possible toxic and pollution hazards associated with the use of PCBs in uncontrolled applications, you are taking steps to ensure th proper advice, which you consider appropriate to the use of PCB based hydraulic fluids, is given to the coal mining companies under your supervision so that such use of these flui is carefully controlled and leakage into the surrounding envirc ment prevented.

Notwithstanding our advice to you of the toxic and pollution hazards associated with the use of PCB based hydraulic fluids i the mining applications under your supervision we formally request your confirmation of the continuing validity of the Zulassungen previously issued by you in respect of Pydraul A-2c 280 and 281.

Yours faithfully

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Monsanto (Deutschland) GmbH