

**INDICATE
DESIRED
SERVICE**

DOMESTIC	OVERSEAS
☐ FULL RATE	☐ FULL RATE
☐ OVERNIGHT	☐ LETTER
☐ TWX/TELEX	☐ TELEX

Monsanto	
DATE 11/4/82	TIME 2:10 pm
SENDER'S ACCOUNT NO. 1-000-741.04-	
TWX/TELEX NO.	

**OUTGOING MESSAGE
Tele-Communications System**

ALL MESSAGES MUST BE TYPED OR PRINTED IN BLOCK LETTERS

PLEASE DEX ASAP

Mr. Charles M. Love, III
Bowles, McDavid, Graff & Love
1200 Commerce Square
Charleston, WVA 25325-1386

Phone number: (304) 344-9621

AND

TO: Mr. John C. Sabetta
Townley & Updike
Chrysler Building
405 Lexington Avenue
New York, New York 10174

Phone number: (212) 682-4567

C14154

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER.

IN-IR
REV. 1/74

for **BETTER** service - Forward to transmitting operator IMMEDIATELY after preparation.

NEWS

*Master
new Dept Copy*
Monsanto

FOR RELEASE

IMMEDIATELY

Sarah G. Collins

(314) 694-3860

PUBLIC RELATIONS DEPARTMENT

Monsanto Company

800 N. Lindbergh Boulevard

St. Louis, Missouri 63167

DRAFT/Suskind Study

REPORT FAILS TO FIND
LINK BETWEEN TCDD AND
REPORTED HEALTH
PROBLEMS

ST. LOUIS, NOV. 00 -- A study on the long term health

effects of worker exposure found no link between exposure to
the dioxin TCDD and several physical diseases and disorders
including cancer, cardiovascular ^{disease} and reproductive abnormalities.

The health effect study ~~which required three years of~~
~~analysis~~ was conducted by Raymond A. Suskind, M.D., one of the
world's leading experts on dioxin exposure, at the University of
Cincinnati's Department of Environmental Health. TCDD, a contaminant
~~found in a herbicide component of Agent Orange~~, is at the center
of a controversy over the health effects of Agent Orange exposure
~~brought by some~~ ^{the} ~~on Vietnam veterans.~~ ^{multidistrict litigation}

According to Dr. Suskind, ^{found} ~~there is~~ no evidence
of ^{adverse} ~~identifiable~~ long term effects on the cardiovascular system,
including hypertension or coronary artery disease, ^{on the} ~~liver, gastro-~~
~~intestinal tract~~ ^{on} or peripheral nerve function attributable to
exposure to the chemical. There is also no indication, based on
^{in the persons he studied} ~~individual and family medical histories obtained from those participating in the study~~
~~personal historical information~~ of greater risks for miscarriages,
stillbirths or birth defects among the families in which the

male parent was exposed to TCDD. Additionally, Dr. Suskind did
not find ^{any higher than would normally be expected} ~~an abnormally high~~ cancer rate among the study participants.

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER.

- more -

C14155

However, Dr. Suskind did conclude that for employees exposed to TCDD, there were long term skin effects including chloracne, the hallmark of TCDD exposure, and the loss of skin elasticity around the areas affected by chloracne.

Dr. Suskind examined 418 current and former male employees of Monsanto Company that produced the herbicide 2,4,5-T at its West Virginia plant between 1948 and 1969. ~~TCDD~~ *unknown product of runaway reaction.*
~~has been identified as a contaminant in the production of~~
~~2,4,5-T.~~ The employees involved in Dr. Suskind's study included workers who had been exposed to ~~TCDD~~ during a 1949 manufacturing accident in the 2,4,5-T unit, as well as those who worked with the herbicide over the years.

This health effects study is the second major study conducted by Dr. Suskind ^{in recent years} on Monsanto's West Virginia employees. In 1980, he co-authored a report on the mortality (cause of death) of employees who had been exposed to TCDD during the 2,4,5-T accident in 1949. The results of that investigation indicated no excess in total deaths or in deaths from cancer or cardiovascular disease.

Dr. Suskind recently presented a review of his health effects study at the Third International Symposium on Chlorinated Dioxins and Related Compounds in Salzburg, Austria.

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER.

- more -

C14156

2,4,5-T was a component of Agent Orange, a defoliant used by U.S. military forces during the Vietnam War. Dr. Suskind's latest study on the long term effects of TCDD exposure supports the majority of medical and scientific data which has failed to show a cause/effect relationship between Agent Orange exposure and health problems reported by Vietnam veterans.

is a significant contribution to the body of systematic scientific and medical inquiry into the ^{long term} consequences of exposure to TCDD.

~~There is no significant relationship between exposure to TCDD and the herbicide Agent Orange. The study conducted by Dr. Suskind is a significant contribution to the body of systematic scientific and medical inquiry into the long term consequences of exposure to TCDD.~~

employees. In 1980, he co-authored a study on the health of employees who had been exposed to TCDD.

investigation indicated no excess in total deaths or in deaths from cancer or respiratory disease.

effects study by the World Health Organization, conducted in 1980, indicated no excess in total deaths or in deaths from cancer or respiratory disease.

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER.

C14157