

4/18

Paul Heiser

Let me know
next moves on this
Juh.

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INDSUTRIAL HYGIENE STATUS REPORT

DATE: 2/22/82 DEPARTMENT: 237 PRODUCT: Parachlorophenol
Orthchlorophenol
Dichlorophenol

Compliance Status:

All samples taken in this department for substances which are OSHA regulated show levels below the action level. Samples for OCP, PCP, DCP have also averaged below the action level using DMEH guidelines as the regulating source.

Potential Problems:

Findings of current NIOSH study on chlorophenols may result in a stringent standard.

Physical Stress Problem:

No known problems.

Health Effects:

Possible occurrence of chloroacne due to chlorinated phenols.

Recommended Monitoring Frequency:

Quarterly/Semi-annually

Training Manual:

Complete with training of operating personnel performed by line management. Any change in regulation by the governing agencies may require minor changes.

Respiratory Protection Program:

Written procedures complete. Quantitative fitting is being done by zone and department throughout 1982. When all zones are fitted employees will be fitted on a yearly basis on the day of their annual physical.

Breathing Air System:

No plans to install breathing air system at this time.

Continuous Monitoring System:

No plans to install a monitoring system.

Eating Area:

A separate eating area, control room has been provided during up-grading of Department 237. Personal hygiene practices have been

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initiated to help alleviate potential exposure by ingestion.

Projects and Status:

No ongoing projects.

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F554925-A
88987 DEPT CL PHENOL 00236

M O N S A N T O
INDUSTRIAL HYGIENE STATUS REPORT

LOCATION 0003 Krummrich Pla
ISSUED BY
PAGE 39
FEBRUARY 3, 1982

CHEM/PHYSICAL
AGENT

JOB
CLASSIFICATION

SUMMARY OF RESULTS

EXPOSURE
LIMITS

ASSESSMENTS/COMMENTS

RECOMMENDATIONS
REQUIRED ACTION

O-CHLOROPHENOL
000095578

NO. AREA 5
DATES 81-11-13/80-09-13
MEAN 0.06 MG
STD DEV 0.04 MG
RNG 0.00 - 0.10MG

CHIEF OP
010111

NO. TWA PERSONAL 1
DATES 81-07-28/80-05-28
MEAN 0.14 MG
STD DEV 0.00 MG
RNG 0.14 - 0.14MG
NO. ABOVE 0.00 1

UNIT C 237
010505

NO. TWA PERSONAL 7
DATES 81-11-13/80-09-13
MEAN 0.08 MG
STD DEV 0.06 MG
RNG 0.02 - 0.18MG
NO. ABOVE 0.00 7

P-CHLOROPHENOL
000106489

NO. AREA 5
DATES 81-11-13/80-09-13
MEAN 0.43 MG
STD DEV 0.32 MG
RNG 0.11 - 0.87MG

CHIEF OP
010111

NO. TWA PERSONAL 1
DATES 81-07-28/80-05-28
MEAN 0.12 MG
STD DEV 0.00 MG
RNG 0.12 - 0.12MG
NO. ABOVE 0.00 1

UNIT C 237
010505

NO. TWA PERSONAL 7
DATES 81-11-13/80-09-13
MEAN 0.43 MG
STD DEV 0.36 MG
RNG 0.06 - 0.93MG
NO. ABOVE 0.00 7

PHENOL
000108952

NO. AREA 5
DATES 81-11-13/80-09-13
MEAN 0.22 MG
STD DEV 0.12 MG
RNG 0.11 - 0.41MG

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F554925-A
BB987 DEPT CL PHENOL 00236

M O N S A N T O
INDUSTRIAL HYGIENE STATUS REPORT

LOCATION 0003 KRUMMRICH PLA PAGE 40
ISSUED BY FEBRUARY 3, 1982

CHEM/PHYSICAL AGENT	JOB CLASSIFICATION	SUMMARY OF RESULTS	EXPOSURE LIMITS	ASSESSMENTS/COMMENTS	RECOMMENDATIONS REQUIRED ACTION
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PHENOL
000108952

CHIEF OP
010111

NO. TWA PERSONAL 1
DATES 81-07-28/80-05-28
MEAN 0.18 MG
STD DEV 0.00 MG
RNG 0.18 - 0.18MG
NO. ABOVE 0.00 1

OSHA
19.00 MG
TLV
19.00 MG

UNIT C 237
010505

NO. TWA PERSONAL 7
DATES 81-11-13/80-09-13
MEAN 0.27 MG
STD DEV 0.18 MG
RNG 0.11 - 0.58MG
NO. ABOVE 0.00 7

OSHA
19.00 MG
TLV
19.00 MG

2,4-DICHLOROPH
000120832

NO. AREA 5
DATES 81-11-13/80-09-13
MEAN 0.06 MG
STD DEV 0.09 MG
RNG 0.01 - 0.22MG

CHIEF OP
010111

NO. TWA PERSONAL 1
DATES 81-07-28/80-05-28
MEAN 0.01 MG
STD DEV 0.00 MG
RNG 0.01 - 0.01MG
NO. ABOVE 0.00 1

UNIT C 237
010505

NO. TWA PERSONAL 7
DATES 81-11-13/80-09-13
MEAN 0.07 MG
STD DEV 0.06 MG
RNG 0.01 - 0.17MG
NO. ABOVE 0.00 7

HYDROGEN CHLOR
007647012

NO. AREA 2
DATES 80-09-04/79-07-04
MEAN 0.38 MG
STD DEV 0.52 MG
RNG 0.01 - 0.75MG

CHLORINE
007782505

NO. AREA 2
DATES 80-09-04/79-07-04
MEAN 0.11 MG
STD DEV 0.07 MG
RNG 0.06 - 0.16MG

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END OF DEPARTMENT

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