

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health

Telephone Number: (415) 271-4320
Hazardous Materials Division
80 Swan Way, Suite 200
Oakland, CA 94621

Certified Mail #P 691 211 978
Certified Mail #P 691 211 977

June 6, 1988

✓ Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

Gloria Baugham
4681 Ewing Road
Castro Valley, CA 94546

RE: 10057 Tesla Road, Livermore, CA

Dear Mr. Duperly and Ms. Baugham:

In my letter dated November 2, 1987, I explained that, if samples analyzed for phenylacetone (Phenyl-2-Propanone) reached concentrations substantially greater than 100 ppm, more excavation might be necessary. Enclosed, please find sample results indicating substantially greater concentrations than 100 ppm.

Enclosed, please also find a materials safety data sheet (MSDS) for phenylacetone. The MSDS provides technical information on the chemical. The MSDS will help explain to you, our concern regarding the contamination.

I am aware that funds have been reserved in escrow to address the problem. I am aware that all parties desire to promptly resolve this matter.

After lengthy consultation with Lester Feldman of the Regional Water Quality Control Board, we propose the following:

1. Excavate the pit to concentrations less than 100 ppm.

Dick Duperly
3908 Fernwood St.
San Mateo, CA 94403
June 6, 1988
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After excavation, retain an environmental consultant to evaluate the status of the site. The consultant will draft a plan of correction which this office and the Regional Water Quality Control Board will review. It must be emphasized that further corrective actions may be necessary after we review your consultants' report.

2. As an option to proposal #1, you could retain an environmental consultant at this point in time. The consultant would evaluate the status of the site and draft a plan of correction.

Our preference is to have you examine option #1, because this plan results in immediate excavation to level below 100 ppm. However, the option is yours.

Please advise me in writing, within 10 days of receipt of this letter, as to your intended course of conduct.

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:LS:mnc

Attachment(s)

cc: Gil Jensen, Alameda County District Attorney, Consumer & Environmental Protection Agency
Dwight Hoenig, DOHS
Mark Thompson, Alameda County District Attorney, Consumer and Environmental Protection Agency
Larry Seto, Hazardous Materials Specialist
Files

Clayton Environmental Consultants, Inc.

P.O. Box 9019 • 1252 Quarry Lane • Pleasanton, CA 94566 • (415) 426-2600

January 8, 1988

Laboratory Client Code No. 0326

Mr. Larry Seto, Hazardous Materials Specialist
Alameda County Health Care Services Agency/
Occupational Health
470-27th Street, Room 324
Oakland, CA 94612

Dear Mr. Seto:

Attached are the results of the following samples from the Dick Duperly property in Livermore, CA. The sample and analysis information is as follows:

<u>Date</u> <u>Sample</u> <u>Received</u>	<u>Clayton Lab</u> <u>Batch No.</u>	<u>Client</u> <u>Sample</u> <u>I.D.</u>	<u>Matrix</u>	<u>Analysis/</u> <u>Method No.</u>
12/15/87	871273	1	Soil	1-phenyl-2
		2		proponone/see
		3		Procedural
		1654		Description
		5		Attached
		6		
		7		
		8		
		1606		

A copy of the Chain of Custody form is attached for your information.

If you have any questions regarding this information, please do not hesitate to call.

Sincerely,

Hon-Tsing Su mVB
Hon-Tsing Su
Laboratory Manager

HTS/tb
Attachment/Enclosure
L1910.REP

cc: Mr. Martin Rasmussen, Supervisor
Erickson, Inc.
255 Parr Blvd.
Richmond, CA 94801

Approved by:

Mary D. Beck
Mary D. Beck
Quality Assurance Manager

RECEIVED
JAN 11 1988

HAZARDOUS MATERIALS/
WASTE PROGRAM

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

CHROMATOGRAPHY LAB ANALYSIS

Method No.

Lab Batch No. 871273
 Samples Received: 12/15/87
 Date Analyzed: 01/04/88
 Sample Matrix: Soil

Batch Sub. No.	Sample Identification	1-phenyl-2-propanone	
		Concentration in mg/kg	
-01	1	ND	1' pipe
-02	2	ND	10' pipe
-03	3	ND	10' pipe
-04	1654	150	Bottom of pit 14'
-05	5	110	E side wall 12'
-06	6	ND	S side wall 12'
-07	7	100	S side wall 12'
-08	8	310	N side wall 12'
-09	1606	ND	same as 1606

ND = Not Detected

Detection Limits = 3.3 mg/kg

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.METHODOLOGY OF PHENYL ACETONE ANALYSES

Phenyl acetone standard was purchased from Sigma Chemical Company (No. P-2024) (1 mg/mL in Methanol).

Samples received were first prepared by methanol extraction of 15 grams each and then concentrated to 2.0 mL. Samples thus prepared were analyzed by gas chromatograph (Hewlett Packard HP 5890, FID detector, 0.53 mm HP 1 column). Oven temperature was started at 40°C and was held for 2 minutes, then was programmed at 8°C/min. until 220°C and was held for 8 minutes. The results of sample analyses were confirmed through gas chromatograph/mass spectrophotometry (Finnigan 5100) (J&B DB-5 30N, 0.25 μ capillary column).

(415) 874-0154
 OCCUPATIONAL HEALTH SERVICES
 LABORATORY SERVICE REQUEST

871273

40 Add

Plant or Place

Dick Duperly

Address

10057 Tesla Rd., Emeryville

Sample Submitted to

Clayton Environmental

Date Submitted

12-7-87

Send Analytical Report to:

Alameda County Health Care Services Agency/
 Occupational Health
 470-27th Street, Room 324, Oakland, CA 94612
 Attn: Larry Seto

Send Invoice To:

Item No.	Date Coll.	Type of Sample (Air, Material)	Volume/Weight	Field Observation	Analysis Requested
-01	11/5/87	Soil	200ml		P-2-P
-02	11/5/87	Soil	200ml		P-2-P
-03	11/5/87	Soil	200ml		P-2-P
-04	1654 10/22/87	Soil	500ml		P-2-P
-05	11/5/87	Soil	200ml		P-2-P
-06	11/5/87	Soil	200ml		P-2-P
-07	11/5/87	Soil	200ml		P-2-P
-08	11/5/87	Soil	200ml		P-2-P
-09	1606 10/21/87	Liq.	300ml		P-2-P

Chain of Custody:

- Signature: Chips Environmental Title: _____ Inclusive Dates: 10/21/87 - 10/22/87
- Signature: Larry Seto Title: Haz Mat Spec Inclusive Dates: 10/22/87 - 12/15/87

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CABLE ADDRESS: SIGMACHEM TWX: 910-781-0593

ATTN: SAFETY DIRECTOR
LARRY SETO
ALAMEDA COUNTY HEALTH DEPT.
470 27TH ST, RM 322
OAKLAND, CA 94612

EMERGENCY PHONE 1-314-771-5765

DATE: 09/16/86

CUST#: - - PO#:

M A T E R I A L S A F E T Y D A T A S H E E T

PAGE 1

IDENTIFICATION

PRODUCT #: P3522
CAS #: 103-79-7

NAME: PHENYLACETONE--DEA SCHEDULE II ITEM

TOXICITY HAZARDS

RTCS NO: UC3500100

2-PROPANONE, 1-PHENYL-

TOXICITY DATA

IPR-MUS LD50: 540 MG/KG

JPMSAE 60,799,71

REVIEWS, STANDARDS, AND REGULATIONS

REPORTED IN EPA TSCA INVENTORY, 1983

HEALTH HAZARD DATA

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

FIRST AID

IF SWALLOWED, WASH OUT MOUTH WITH WATER. CALL A PHYSICIAN.
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND
SHOES AND CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
CALL A PHYSICIAN.
IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING
THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

PHYSICAL DATA

BOILING PT: 100°C* DEN: 1.015

APPEARANCE AND ODOR

CLEAR LIQUID WITH A STRONG PERSISTENT ODOR.
FOOTNOTE TO PHYSICAL DATA.
* AT 13MM PRESSURE.

FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 63.8°C BY: CLOSED CUP

EXTINGUISHING MEDIA

CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

REACTIVITY DATA

STABILITY

STABLE.

CONDITIONS TO AVOID

KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

P 691 214 978

REIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to DICK DUFEELY	
Street and No. 3908 KERNWOOD ST.	
P.O., State and ZIP Code San Mateo 94403	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, June 1985