

## ACUTE ORAL TOXICITY TEST

DATE 4/23/56MATERIAL VO-E-61870 (98% linseed oil; 1.8% mineral spirits; 0.2% phenyl mercury oleate)MR- 353 DEPT. Lab + Fin. BK. NO. Oral #1 PAGE 4 TECH. A. HenlateDEPT. SAMPLE NO. \_\_\_\_\_ HASK. NO. 1698 DENSITY 0.927 gm/ml

Solid ( ) \_\_\_\_\_ % Solution ( ) \_\_\_\_\_  
 Liquid (X) \_\_\_\_\_ % Paste ( ) \_\_\_\_\_  
 Semi-Liquid ( ) \_\_\_\_\_ Powder ( ) \_\_\_\_\_

gms/100ml ( ) \_\_\_\_\_  
 gms/100gms ( ) \_\_\_\_\_  
 ml/100ml ( ) \_\_\_\_\_

in \_\_\_\_\_

Material given by stomach tube or by \_\_\_\_\_ to ♂ albino rats in original  
form or as a \_\_\_\_\_ % solution of active ingredients in \_\_\_\_\_  
 suspension of original sample

| Date   | Animal Number | Init Wt. | Dose (ml) | Hg Dose (mg/kg) | % Sol | Weight Change (grams) |               |             |             |             | Results                       | TS | Dose mg/kg |
|--------|---------------|----------|-----------|-----------------|-------|-----------------------|---------------|-------------|-------------|-------------|-------------------------------|----|------------|
| 4/9/56 | 27382         | 272      | 11.0      | (37.488)<br>26  | 100   | 4-10<br>(250)         | 4-11<br>(240) |             |             |             | found dead 4/12/56            | ✓  | 75         |
| 4/2/56 | 27423         | 250      | 4.25      | (24.250)<br>17  | 100   | 4-4<br>(229)          | 4-9<br>(240)  | 4-13<br>275 | 4-19<br>308 | 4-23<br>317 | See 4/23/56 21 days after te. | ✓  | 50         |
| 4/3/56 | 27351         | 320      | 3.84      | (17.381)<br>12  | 100   | 4-4<br>(311)          | 4-9<br>(294)  | 4-13<br>330 | 4-19<br>350 | 4-23<br>370 | See 4/23/56 20 days after te. | ✓  | 35         |
| "      | 27352         | 325      | 2.50      | (11.153)<br>7.7 | 100   | 4-4<br>(315)          | 4-9<br>319    | 4-13<br>350 | 4-19<br>375 | 4-23<br>383 | " " " " " "                   | ✓  | 22         |
| "      | 27353         | 310      | 1.58      | (7.386)<br>5.1  | 100   | 4-4<br>(309)          | 4-9<br>(304)  | 4-13<br>332 | 4-19<br>360 | 4-23<br>380 | " " " " " "                   | ✓  | 15         |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |
|        |               |          |           |                 |       |                       |               |             |             |             |                               |    |            |

ALD: 26 mg/kg

REMARKS: ~~This~~ was given on the basis of mg/kg Hg. The Hg content was determined as 0.07% of the compound. ∴ 1ml of compound = 0.64mg Hg. The number entered above the mg/kg of Hg is the mg/kg of compound given. After treatment these rats were held for 3 weeks as suggested by D&H. During this time the urine output was measured.

\* Grams per 100 ml