MEMORANDUM

SUBJECT: Chlorpropham - Possible 6(a)(2) Data, submitted under MRID #s 41846701 and 48145501

Chemical No.: 510A
RD Record: S-395344
Project No.: 1-1169

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THRU: Karl P. Baetcke, Ph.D., Chief
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Registrant: Chlorpropham Task Force, Liberty, MO

Request: Expeditiously review and evaluate the following two (2) mutagenicity studies, both performed at Hazleton Labs. America (HLA), Kensington, MD, and submitted as possible adverse [6(a)(2)] data:


Toxicology Branch Conclusions: These studies have been assessed as follows (Detailed Reviews are attached):
<table>
<thead>
<tr>
<th>Study (MRID)</th>
<th>Reported Results</th>
<th>TB Evaluation</th>
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<tbody>
<tr>
<td>(1) Chromosome aberrations \textit{in vitro} (41846701)</td>
<td>Presumptively positive under activation conditions at moderately toxic doses (120, 140 \text{ug/ml}); reported negative without activation, but inadequately performed</td>
<td>UNACCEPTABLE</td>
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<tr>
<td>(2) Transformation \textit{in vitro} (41845501)</td>
<td>Positive for dose-related inducing stable morphological transformation in Syrian golden hamster embryo (SHE) cells exposed by two different treatment regimens.</td>
<td>ACCEPTABLE</td>
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Attachments (DERs)