

US EPA ARCHIVE DOCUMENT

6/1/83

CASWELL FILE

SUMMARY OF TOXICOLOGY BRANCH OPINION OF STAUFFER CHEMICAL COMPANY
PROPOSAL FOR EVALUATING THE HAZARDS OF GRANULAR FORMULATIONS

Stauffer presented a toxicology testing approach for assessing the hazard presented by inhalation of particulates. This approach has been considered with favorable interest by Toxicology Branch representatives because it presents improved methods for estimating both exposure from fines of the granular product and resulting biological responses of inspiration of small fines. These protocols may be a vast improvement over current methods of assessing risk from inhalation of the product's fines, however, the protocols obviously do not address risk from dermal contact nor accidental ingestion. Although the scientific approach presented by Stauffer for inhalation exposure risk is favorably viewed, the Toxicology Branch does not consider this approach a valid substitution for classification purposes since it does not assess risk from other exposure routes.

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