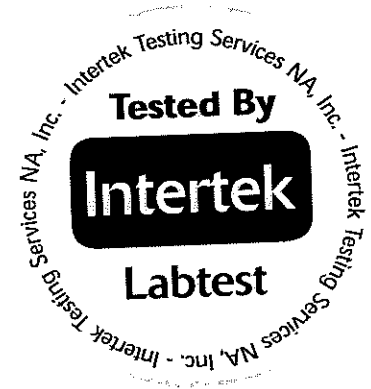


TECHNICAL REPORT

Report # 25036

**Thames & Kosmos, LLC
207 High Point Avenue
Portsmouth, Rhode Island 02871**

June 17, 2004



Requested by: Ted McGuire
Authorization Received: June 10, 2004
Sample Name: Perfume Science Lab Kit
Model/Style #: 646516
Vendor: Kosmos Verlags
Sample Received: June 7, 2004
Number of Samples: 1
Condition Received: Good
Labeled Age Grading: 10 +
Age Grading to be Applied: 10 +
Testing Completed: June 15, 2004

SUMMARY:

RESULTS

Toxicological Risk Assessment:

See page 2 for detailed findings.

Reviewed by:

Albert J. Rapella
Supervisor, Technical Services

Jeffrey D. Lipko
Technical Director, Hardlines

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Thames & Kosmos, LLC**Toxicological Risk Assessment for Thames & Kosmos “Perfume Science Lab Kit”****Background**

A single consumer product consists of eight different perfumes. Each perfume kit contains 520 milliliters (approximately 520 grams) of perfumes. Quantitative lists of the ingredients in these perfume mixtures were submitted for review. It is assumed that these ingredients contain no contaminants that would be toxic or irritating to a consumer who may contact them, the non-perfume components of this product are also nontoxic and non-irritating and the denatured ethanol in this product contains no methanol residues.

This product was also evaluated for potential acute and chronic oral/dermal toxicity and skin/eye irritation.

Exposure Assessment

An exposure assessment scenario for a given chemical of concern to a potential human receptor consists of creating a series of logical pathways and events whereby that chemical could reasonably be expected to come into contact with that receptor. It is estimated that a maximum of 50 grams of perfumes in a single consumer product may make multiple contacts with the skin or smaller amounts (<10 grams) may be ingested or may contact the eyes as single exposure events. The use of denatured alcohol, in these perfumes at a level of 35%, would be expected to discourage ingestion of this material.

Toxicological

Information obtained from the National Library of Medicine’s toxicological databases provided no evidence that exposures to these perfumes as described would be expected to cause acute or chronic toxicity in humans who may contact it. However, each of these perfumes contains 50% of a mixture of denatured ethanol (assumed to be methanol-free) and water (7:3 v/v). Ethanol has been reported to be irritating to the skin and eyes.

Risk Assessment

The potential risk from a chemical substance to an individual is a function of both the exposure to and toxicity/irritation potential of that particular chemical. Information provided to date provides no indication that the ingredients in these perfumes would be expected to be toxic via dermal exposure or ingestion. However, because of the level of denatured alcohol in each of these perfumes, they may be expected to cause skin or eye irritation.

Conclusion

Based on a review of all the available information provided to date, it is our opinion that exposure to this “Perfume Science Lab Kit” product as described above would not be expected to cause significant acute or dermal toxicity to consumers who may be exposed to it as described above when it is used as intended or under circumstances involving foreseeable misuse. However, the denatured ethanol contained at a level of 35%, may be irritating to the skin or eyes.

Thames & Kosmos, LLC

