

US EPA ARCHIVE DOCUMENT



OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

August 30, 2002

MEMORANDUM

Subject: Acute Toxicity Review for EPA Reg. No.: 5813-58  
Spruce-Ups  
DP Barcode: D284174  
Case No: 61904

To: Velma Noble PM 31 / Jackie Campbell, Team Reviewer  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

From: Robert A. Turpin, Scientist *R.T.*  
Chemistry/Toxicology Team  
Product Science Branch  
Antimicrobials Division (7510C)

Through: Karen Hicks, Team Leader  
Chemistry and Toxicology Team  
Product Science Branch  
Antimicrobials Division (7510C)

*Karen P. Hicks*  
9/6/02

Michele E. Wingfield, Chief  
Product Science Branch  
Antimicrobials Division (7510C)

Applicant: The Clorox Company

FORMULATION FROM LABEL:

| <u>Active Ingredient(s):</u>                   | <u>% by wt.</u> |
|--|-----------------|
| n-Alkyl (C14, 60%; C16, 30%; C12, 5%; C18, 5%) |                 |
| Dimethyl benzyl ammonium chloride .....        | 0.145           |
| n-Alkyl (C12, 68%; C14, 32%)                   |                 |
| Dimethyl ethylbenzyl ammonium chloride .....   | 0.145           |
| <u>Other Ingredient(s):</u> .....              | <u>99.710</u>   |
| Total:   | 100%            |

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**BACKGROUND:** The registrant has submitted an amendment to revise the Precautionary text on the product label and to update the toxicity data of the registration by submitting the results of a dermal toxicity study and an eye irritation study. Further, the registrant has requested a waiver of the requirement to perform an acute inhalation toxicity study given the product is a wet wipe and will not be aerosolized. Additionally, the only components of the product having significant vapor phase exposure are [REDACTED] and the fragrance. The secondary review has been performed by the Product Science Branch.

INERT INGREDIENT INFORMATION IS NOT INCLUDED

**RECOMMENDATIONS (PSB findings):**

1. The study, MRID #456809-01 - Acute Dermal Toxicity, is acceptable to the Agency.
2. The study, MRID #456809-02 - Primary Eye Irritation, is acceptable to the Agency.

The acute toxicity profile for Reg. No. 5813-58 is currently:

|                           |     |            |
|---------------------------|-----|------------|
| acute oral toxicity       | ?   | required   |
| acute dermal toxicity     | IV  | Acceptable |
| acute inhalation toxicity | IV  | Waived     |
| primary eye irritation    | III | Acceptable |
| primary skin irritation   | ?   |            |
| dermal sensitization      | .   | required   |

**LABELING:**

1. The Signal Word is CAUTION.
2. The Precautionary Statements and First Aid Statements are acceptable.
3. The Storage and Disposal Statements are acceptable.

INERT INGREDIENT INFORMATION IS NOT INCLUDED