

US EPA ARCHIVE DOCUMENT

( 11-24-99 )



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

SUBJECT: Product Chemistry Review of **VigorOx SP-15**  
**Antimicrobial Agent**

DP Barcode: **D260265**      Reg. No. or File Symbol : **65402-3**  
Manufacturing-use [ ]      End-use Product [X]

Active Ingredient Composition:  
**Peroxyacetic Acid.....15%**

TO: Marshall Swindell PM 33  
FROM: Alex Traska, Chemist  
Product Science Branch, CT Team  
Antimicrobials Division (7510C)

*at*  
11/22/99

THRU: Karen P. Hicks, CT Team Leader  
Product Science Branch  
Antimicrobials Division (7510C)

*KPH*  
11/24/99

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

**BACKGROUND:**

This application for amended registration, for the above referenced industrial use sanitizer and disinfectant, was made by the registrant, the FMC Corporation.

Registrant is requesting to use of a recently reviewed and soon to be registered source of hydrogen peroxide (EPA Reg. No. [redacted] in its basic and two alternate **VigorOx SP-15** formulations. A successful chemistry review of [redacted]

PRODUCT INGREDIENT SOURCE INFORMATION IS NOT INCLUDED

[REDACTED] (EPA Reg. No. [REDACTED]) was completed on 11/22/99.

Review and registration of this submission was requested under PR Notice 98-10, the Minor Formulation Notification, by the registrant.

The following documents were received and examined in the chemistry review of this submission: registrant's cover letter dated September 23, 1999, proposed Basic Formulation CSF dated 9/20/99, proposed Alternate Formulation #1 and #2 dated 9/20/99, currently registered Basic and Alternate Formulation CSFs dated 9/20/99, application to amend registration (via Minor Formulation Change) dated 9/20/99 and product label dated 1/21/99. Jacket file # 65402-3 was also referred to in completing this review.

#### FINDINGS:

1. In the proposed Basic Formulation CSF #2, the upper and lower limits for hydrogen peroxide should be based on the nominal concentration(N) . Since the nominal concentration for the hydrogen peroxide, in the final formula, is 16.8% ; the upper and lower limits are 17.6 and 16.0 % respectively following Agency default limits.
2. In the proposed Alternate Formulation CSF # 2-1, the upper and lower limits for hydrogen peroxide and the stabilizer [REDACTED] were not based on (N). The corrected limits are : hydrogen peroxide UCL 16.8% and LCL 16.0% ; [REDACTED]  
[REDACTED]
3. In the proposed Alternate Formulation CSF #2-2, the upper and lower limits were not based on (N) for hydrogen peroxide and [REDACTED]. The corrected limits are: hydrogen peroxide UCL 7.4% and LCL 6.6% ; [REDACTED]  
[REDACTED]
4. The PR Notice 91-2 requirements have been met for the proposed basic and two (2) alternate formulation. The percentage of active ingredient shown in the CSFs for these formulations, agree with the label declaration.
5. All ingredients utilized in the proposed basic and alternate formulations are acceptable for use in pesticide formulations.
6. Use of the new source of hydrogen peroxide, [REDACTED]

INERT INGREDIENT INFORMATION IS NOT INCLUDED

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[REDACTED] is technically acceptable in these formulations.

7. All other aspects of the Basic and Alternate Formulation CSFs are acceptable.

RECOMMENDATIONS:

This submission, requesting the use of [REDACTED] in the basic and alternate formulations for **VigorOx SP-15 Antimicrobial Agent**, is accepted with comment.

Registrant should revise the upper and lower control limits as noted above under Findings.

11/22/99 AT

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