

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



OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES
Antimicrobial Division

August 3, 2006

DP BARCODE: # 330457 Addendum #2

MRID : #468473-01

SUBJECT: LM 1000 AF
(Name of Product)

REG. NO. OR FILE SYMBOL: 82874-R

DOCUMENT TYPE: Product Chemistry Review

Manufacturing-use [] OR End-use Product [X]

INGREDIENTS (PC Codes): 022501

CAS Number: 7440-50-8

TEST LAB: LumiOrc, Inc. and Case Consulting Laboratories, Inc.

SUBMITTER: LuminOrc Industrial and Marine Coatings, Inc.

GUIDELINE: Guideline Reference 830 Group A and B

COMMODITIES: not applicable

REVIEWER: Alex Traska

ORGANIZATION: AD

APPROVER: Karen P. Ilicks

APPROVED DATE: 8/3/06

COMMENT:

TO: Marshall Swindell
PM Team # 33

FROM: Alex Traska, Chemist
Product Science Branch, CT Team
Antimicrobials Division (7510C)

AT 8/3/06

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

KPH

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

APPLICANT:

Action code : A54 new product, non-fast track

Due out date : 04 Aug 2006

Product Formulation LM 1000 AF (Part A Copper Powder)

Active Ingredient(s): % by wt.

Copper.....99.75

Product Formulation LM 1000 AF (Part B Product Binder)

Other Ingredients.....100%

Finished Product Formulation (LM 1000 AF) Consisting of:

Part A, Part B and Methyl Ethyl Ketone Peroxide (LM 1000 AF)

Active Ingredient(s): % by wt.

Copper..... 55

BACKGROUND:

This supplementary submission in support of the new product registration, covering the subject antifouling coating, was made by Omni Tech International, Ltd. and LumiOre, Inc. on behalf of the registrant, LumiOre Industrial and Marine Coatings, Inc.

In this supplementary submission, Omni Tech International and LuminOre, Inc. addressed all deficiencies noted in the prior Product Chemistry Review dated July 6, 2006.

The following documents were submitted and examined in the chemistry review of this submission: agent's e-mail communication to Risk Manager Reviewer, Martha Terry dated 7/13/2006, revised Basic CSF identified with the product name of LM 1000 AF and dated 7/13/06, use instructions marked Part B Marine Coat Binder Mixture not dated and MSDS marked Part A (copper) dated July 20, 2005, Part B Marine Coat Binder Mixture dated 7/1/03 and LuminOre Corporation's confidential formula disclosure for the marine coat binder resin mixture (part B) dated 8/2/06.

FINDINGS:

1. A percentage formula disclosure of each ingredient present in the product binder mixture in the Basic CSF was provided.
2. The total weight of 1000 lbs was placed inside box area of item # 17 and is not listed in item #14.
3. Item # 4 of the CSF was completed with the file symbol 82874-R.
4. Item #5 of the CSF now shows Marshall Swindell as the PM .
5. Item #21 of the CSF was updated with the revision date of 7/13/06.
6. A complete set of each of the Part A and Part B labels and a current MSDS was provided.

CONCLUSIONS:

This resubmission in support of the new product registration the new end-use antifouling coating LM 1000AF, is accepted.