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8e98(4)Poi

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High Point Chemical
A Kao Group Company
255 Beddington St.
High Point, N.C. 27260
Telephone: (910) 884-2214
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November 9, 1998

8EHQ-98-14310

Document Processing Center
(Attn: Section 8(e) Coordinator) Mail Code 7407
Office of Pollution Prevention and Toxic Substances
U.S. Environmental Protection Agency
401 "M" St., S.W.
Washington, D.C. 20460

Contains No CBI

Dear Section 8(e) Coordinator:

This letter is to notify the Agency that I have recently received and reviewed an ecotoxicity report which suggests that Poirenate, a fragrance ingredient substance produced by Kao Corporation, may be of moderate concern in the environment. This product (Poirenate) was introduced to the U.S. in PMN P-92-526 through High Point Chemical Corporation, which is the U.S. Chemical Division of Kao Corporation, headquartered in Japan. The testing was done after the PMN filing hence was not provided to us until recently for the purpose of up-dating the product MSDS. The report was reviewed on November 6, 1998.

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Test Results:
Acute toxicity (Rainbow Trout, 96 hr.): LC50 =8.6 mg/L. Method OECD NO. 203.
The report will be made available to the Agency upon request.

Chemical Description:
CASRN: 2511-00-4

CBI status: NON-CONFIDENTIAL

Usage pattern:

88990000029

This substance is not intended for large volume use. It is used as a minor ingredient of a finished fragrance which is used in household care products such as detergents and softeners.

As an example of the usage:

1. The finished fragrances can readily contain 20 or more components, one of which would be this substance.
   (The fragrance formulation is specific to the user involved , and is not determined by Kao Corporation, when this substance is sold to others).

   Example of finished fragrance: (Attachment 1)
   15 components
   This substance is about 73% of the formulation

2. The example fragrance would typically be about 5% of a household product, e.g. a detergent.

3. Very little would get into the aquatic environment at the time of usage because :
   a. The detergent would be diluted by a factor greater than 100 times in usage.
   b. The substance is insoluble in water, hence would tend to adsorb to the fabrics being washed. As an aroma, the fragrance material will slowly vaporize into the atmosphere.

Sincerely,

Hester Kobayashi

Hester Kobayashi, Dr.PH
Manager, Kao Product Safety, North America

ATTACHMENT 1

Poirenate accord

PASSION FRUIT TYPE 2020

	A	B
b-PINENE	30.0	30.0
cis-3-HEXENOL	10.0	10.0
ALCOHOL C-12	20.0	20.0
ETHYL NONANOATE	20.0	20.0
HERBAROSE (KAO)	50.0	50.0
METHYL CINNAMATE	2.0	2.0
MALTOL	0.2	0.2
ALLYL IONONE	10.0	10.0
p-MENTHAN-8-THIOL-3-ONE 1%DPG	0.3	0.3
BUCCOXIME	2.0	2.0
DAMASCENONE	0.2	0.2
ALDEHYDE C-14 PEACH	40.0	40.0
METHYL ANTHRANILATE	30.0	30.0
VANILLIN (L)	10.0	10.0
D.E.P	---	600.0
POIRENATE (KAO)	600.0	---
	824.7	824.7

In the version B, Poirenate is replaced with D.E.P.

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