

US EPA ARCHIVE DOCUMENT

OPP OFFICIAL RECORD
HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361

pc 107401 6

Greybeard List B, C, D
May 11, 1995
Tox. Branch I
Linnea Hansen (308-2476)

Linnea Hansen
5/16/95

MANUFACTURING PROCESS INFORMATION IS NOT INCLUDED

1. Didecyl-N-methyl-3-(trimethoxysilyl) propaminium chloride.

Case no. 3148. Request to bridge data for this chemical (169160) using data for 107401 (trimethoxysilyl propyl dimethyl octadecyl ammonium chloride). Minor use low volume waiver request for developmental (83-3) and mutagenicity (84-2 and 84-4) studies. PC 169160 Tox Chem 331C

Registrant: Sanitized, Inc.

TB response: Developmental toxicity study and mutagenicity studies are reserved. At this time TB does not anticipate that these studies will be needed, based on anticipated low dermal exposure (and minor use) and limited dermal absorption of quaternary ammonium compounds. If required at a later time, it will be considered confirmatory data for purposes of reregistration.

TB notes that although the two compounds themselves are considered analogs, one impurity, [redacted] is present in higher quantities in chemical 169160 than in chemical 107401 [redacted]. At this time, this compound, although biologically active, is not anticipated to be of significant concern because of the anticipated low levels of exposure from the indicated use patterns. The concern for this contaminant is not greater than for the [redacted] contaminant, which is considered carcinogenic and is present in variable amounts in both 107401 and 169160 [redacted].

(L. Hansen and A. Protzel)



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R025101

Chemical: 1-Octadecanaminium, N,N-dimethyl-N-(3-(t;
N,N-Didecyl-N-methyl-3-(trimethoxysilyl)

PC Code: 107401; 169160

HED File Code 11000 Greybeard Reviews

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