

107401

Review Signature

(2)

Product Dow CORNING Q9-5700

Common Q9-5700

Chemical 3-(trimethoxysilyl)-propyldimethyloctadecyl ammonium chloride (42% a/c)

Company Dow CORNING CORP.

Registration TEMP PERMIT

PETITION

34292-R

REGISTRATION

Date Submitted 3-27-75

Date received 5-5-75

Type of chemical

FUNGISTAT BACTERIOSTAT ALGISTAT

Use

INDUSTRIAL USE ONLY - TEXTILES

(see attached labeling)

Data submitted for review

Environmental Safety

Mammal LD50

Mammal chronic

Fish

Bird

Shrimp, crab, oyster

Other

Environmental chemistry (7A-15)

Fish residue

Other

Chemical

Conclusions:

- ① Seen previously by Jim. Need bird data if expand uses.
- ② Label Lvs: "w-22" needs "w-1."
- ③ Use Rates: 0.1-1.0 % by wgt a.i. to futile fabrics
- ④ See no other real problems where need data as yet.

Recommendations

RL 5-5-75 MCK

~~(1) Insert "w-1" before "w-22" so it is one paragraph. Add "w-1, w-22" ^{may add} to the product bulletin.~~

As indicated previously, avian toxicity studies will be necessary to support ^{any} additional uses. On the label modify & set apart "Treated effluent... public waters." in a paragraph which reads: "w-1, w-22" These cautions should be added to the product bulletin.

Chemical 3-(trimethoxysilyl)-propyldimethyloctadecyl ammonium chloride

Citation DOW CORNING CORP.

Reg. No. 34292-R

EPA permit no.

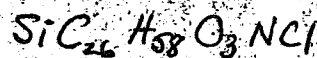
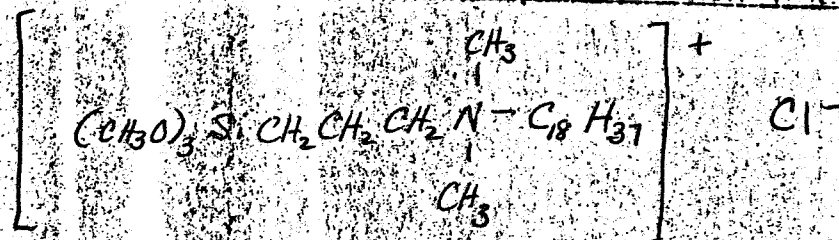
Patent no.

Accession NO

Submission date 3-7-75

Chemistry

Structure



Chemical characteristics

- ① Sp. gr. at 25°C = 0.841 - 0.859.
- ② pH: 5.8 - 6.2
- ③ M. wt (gm/mole) = 496.3
- ④ Appearance: light to dark amber liquid
- ⑤ Solubility: miscible in all proportions with water, alcohols, ketones, esters, hydrocarbons, chlorinated hydrocarbons

Formulation (s)

- ① 42% a.s. in methanol

Use

TEXTILES

ENVIRONMENTAL SAFETY DATA ABSTRACT

J.W. AKERMAN
Ecological Effects Pr

Chemical 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride

Citation DOW CORNING CORP.

Req. No. 34292-R

Exp permit no.

Petition no.

Accession NO

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Page 5 is not included in this copy.

Pages ____ through ____ are not included.

The material not included contains the following type of information:

- ☐ Identity of product inert ingredients.
 - ☐ Identity of product impurities.
 - ☐ Description of the product manufacturing process.
 - ☐ Description of quality control procedures.
 - ☐ Identity of the source of product ingredients.
 - ☐ Sales or other commercial/financial information.
 - ☒ A draft product label.
 - ☐ The product confidential statement of formula.
 - ☐ Information about a pending registration action.
 - ☐ FIFRA registration data.
 - ☐ The document is a duplicate of page(s) _____.
 - ☐ The document is not responsive to the request.
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The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.
