

476-2152, PM-32
16

APR 16 1987

Stauffer Chemical Company
1200 South 47th Street
Richmond, CA 94804

Attention: Sharronn E. Hastings
Manager, Product Regulations

Gentlemen:

Subject: N-1386 Hexylene Glycol
EPA Registration No. 476-2152
Your Submissions Dated March 10, 1986 and
February 20, 1987

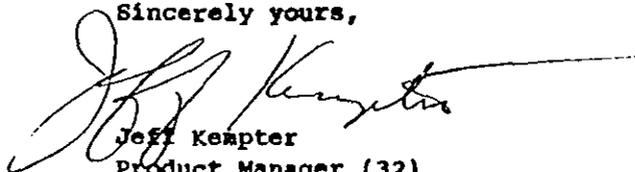
We have completed our evaluation of the acute toxicity studies (filed under EPA Accession No. 258926) and the dermal sensitization and acute inhalation studies (filed under EPA Accession No. 261595), submitted in support of this product registration. These data are acceptable in support of the revised precautionary language and first aid statements.

The proposed draft labeling is acceptable provided that the following labeling revision is made:

- Revise the heading "Environmental Cautions" to read "Environmental Hazards"

A stamped copy of the draft labeling is enclosed for your records. Submit five (5) copies of the final printed labeling when printing is completed.

Sincerely yours,



Jeff Kempter
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

89947: Douglas:K-5; KENCO:4/10/87; 4/27/87; jh:tar:jh:SONJA

CONCURRENCES

SYMBOL	ORIGINATOR						
SURNAME							
DATE							

OFFICIAL FILE COPY

PROPOSED AMENDED LABEL FOR
N-1386 HEXYLENE GLYCOL

FRONT PANEL

(No type on this label will be less than 6 point)

(Stauffer Shield)

N-1386® Hexylene Glycol
Slimicide/fungicide for use in the
manufacture of products intended for
the control of algae, bacteria or
fungi in pulp and papermill process
water systems, cooling water systems,
secondary oil recovery injection
water systems and as a preservative
in adhesives and latexes.

ACTIVE INGREDIENT:

Bis(trichloromethyl)sulfone..... 34.3%

INERT INGREDIENTS:

..... 65.7%

100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

CORROSIVE - CAUSES EYE DAMAGE
AND SKIN IRRITATION
MAY BE FATAL IF INHALED

STATEMENT OF PRACTICAL TREATMENT

FIRST AID

Immediately start the procedures given below and CONTACT
A POISON CENTER, A PHYSICIAN, OR THE NEAREST HOSPITAL.
Describe the type and extent of exposure, the victim's
symptoms, and follow the advice given.

If swallowed, immediately give several glasses of water
but do not induce vomiting. If vomiting occurs, give
fluids again. Have a physician determine if condition
will permit induction of vomiting or evacuation of stomach.
Do not give anything by mouth to an unconscious or convulsing
person.

In case of contact, immediately flush eyes and skin with
large amounts of running water for at least 15 minutes while
removing contaminated clothing and shoes. For eyes, hold
eyelids apart during the flushing to ensure rinsing of the
entire surface of the eye and lids with water. Get medical
attention immediately. Clean or discard contaminated clothing
and shoes.

ACCEPTED
WITH COMMENTS
BY EPA

APR 16 1967

476-2152

FRONT PANEL

STATEMENT OF PRACTICAL TREATMENT

FIRST AID (Cont'd)

If inhaled, remove to fresh air. If breathing is difficult, oxygen may be given with a physician's advice using a demand-type or a continuous-flow inhaler. If not breathing, clear victim's airway, start mouth-to-mouth artificial respiration. Get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive - causes eye damage and skin irritation. May be fatal if inhaled.

Environmental Hazards: This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

In Case of Emergency - Immediately call (24 hours) (800) 424-9300 Chemtrec, or (203) 226-6602 Stauffer Chemical Company.

GENERAL DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Formulators are advise that they are responsible for obtaining EPA registration for their products formulated from N-1386 HEXYLENE GLYCOL.

Shake or stir before using.

For further information on N-1386 Hexylene Glycol, contact the Specialty Chemical Division of Stauffer Chemical Company in Westport, Connecticut 06881; 203-222-3000.

STORAGE AND DISPOSAL

- 1. PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Keep away from heat and flame.
- 2. STORAGE: Keep container tightly closed when not in use. Do not store near food or feedstuffs. Containers should be stored at room temperature in a dry, well ventilated area. Store away from flammable materials, source of heat and flame, and foodstuffs. Exercise due caution to prevent damage to or leakage from the container. Avoid prolonged storage at temperatures above 158°F/70°C.
- 3. PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
- 4. CONTAINER DISPOSAL:
 METAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NOTICE - READ CAREFULLY

Warranty Limitations: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

Limitations of Liability: In no case shall Stauffer (and or seller) be liable for special, indirect, or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

EPA Reg. No. 476-2152
EPA Est. 1935-NJ-1

LOT NO. _____

_____ LB. NET WT. _____ KG

Made in U.S.A. by
STAUFFER CHEMICAL COMPANY
SPECIALTY CHEMICAL DIVISION
WESTPORT, CT. 06881-0852

UN2810



POISONOUS LIQUID, N.O.S.

(IMO: PESTICIDES, LIQUID, TOXIC, N.O.S., UN2810)

(BIS(TRICHLOROMETHYL)SULFONE, HEXYLENE GLYCOL)

476-2151, PM-32

APR 16 1987

Stauffer Chemical Company
1200 South 47th Street
Richmond, CA 94804

Attention: Sharron E. Hastings
Manager, Product Regulations

Gentlemen:

Subject: N-1386[®] DMF
EPA Registration No. 476-2151
Your Submission Dated September 16, 1986

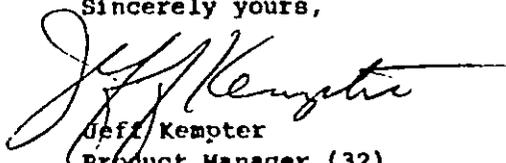
This is to inform you that we have completed our evaluation of the acute toxicity studies (filed under EPA Accession No. 258926) and the acute inhalation and dermal sensitization studies (filed under EPA Accession No. 261592), submitted in support of this product registration. These data are acceptable in support of the revised precautionary language and first aid statements.

The proposed draft labeling submitted April 28, 1986 is acceptable provided that the following labeling revision is made:

- Revise the heading "Environmental Cautions" to read "Environmental Hazards"

A stamped copy of the draft labeling is enclosed for your records. Submit five (5) copies of the final printed labeling when printing is completed.

Sincerely yours,



Jeff Kempter
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

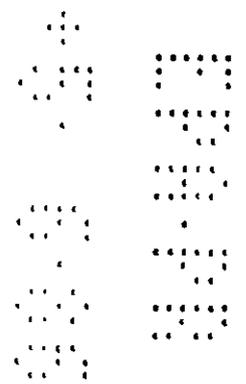
89947; Douglas; K-5; KENCO; 4/10/87; 4/27/87; bjp; jh; tar

CONCURRENCES

SYMBOL	ORIGINATOR							
SURNAME								
DATE								

OFFICIAL FILE COPY

PROPOSED AMENDED LABEL FOR N-1386 DMF



STATEMENT OF PRACTICAL TREATMENT

FIRST AID (Cont'd)

If inhaled, remove to fresh air. If breathing is difficult, oxygen may be given with a physician's advice using a demand-type or a continuous-flow inhaler. If not breathing, clear victim's airway, start mouth-to-mouth artificial respiration. Get medical attention.

For skin contact, flush affected areas with large amounts of running water for 15 minutes and get medical attention. Clean or discard contaminated clothing and shoes.

ENVIRONMENTAL CAUTIONS:

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Formulators are advise that they are responsible for obtaining EPA registration for their products formulated from N-1386 DMF.

For further information on the manufacture of formulations using N-1386 DMF, contact the Specialty Chemical Division of Stauffer Chemical Company of Westport, Connecticut 06881; 203-222-3000.

STORAGE AND DISPOSAL

1. PROHIBITIONS: Do not contaminate with water, food or feed by storage or disposal. Open dumping is prohibited. Keep away from heat and flame.
2. STORAGE: Keep container tightly closed when not in use. Do not store near food or feedstuffs. Containers should be stored at room temperature in a dry, well ventilated area. Store away from flammable materials, source of heat and flame, and foodstuffs. Exercise due caution to prevent damage to leakage from the container. Avoid prolonged storage at temperatures above 158°F/70°C.

FRONT PANEL

STORAGE AND DISPOSAL (Cont'd)

3. PESTICIDE DISPOSAL: Water resulting from the use of this product may be disposed of on site or at approved waste disposal facility.
4. CONTAINER DISPOSAL:
METAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NOTICE: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

EPA Reg. No. 476-2151
EPA Est. 1935-NJ-1

LOT NO. _____

550 LB. NET WT. 249 KG

Made in U.S.A. by
STAUFFER CHEMICAL COMPANY
SPECIALTY CHEMICAL DIVISION
WESTPORT, CT. 06881-0852

WT 4-86

S-3

UN 2922



CORROSIVE LIQUID, POISONOUS, N.O.S.
(IMO: POISONOUS LIQUIDS, CORROSIVE, N.O.S., UN2927)
(Contains bis (trichloromethyl) sulfone and dimethyl formamide)

Stauffer Chemical Company
1200 South 47th Street
Richmond, CA 94804

Attention: Sharronn E. Hastings
Manager, Product Regulations

Gentlemen:

Subject: N-1386 Hexylene Glycol
EPA Registration No. 476-2152
Your Submissions Dated March 10, 1986 and
February 20, 1987

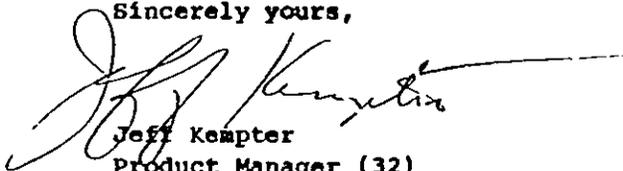
We have completed our evaluation of the acute toxicity studies (filed under EPA Accession No. 258926) and the dermal sensitization and acute inhalation studies (filed under EPA Accession No. 261595), submitted in support of this product registration. These data are acceptable in support of the revised precautionary language and first aid statements.

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Sincerely yours,



Jeff Kempter
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

89947: Douglas: K-5: KENCO: 4/10/87: JH: tar: jh: SONJA

CONCURRENCES

SYMBOL	ORIGINATOR							
.....
.....
.....

OFFICIAL FILE COPY

FRONT PANEL

(No type on this label will be less than 6 point)

(Stauffer Shield)

N-1386® Hexylene Glycol
Slimicide/fungicide for use in the
manufacture of products intended for
the control of algae, bacteria or
fungi in pulp and papermill process
water systems, cooling water systems,
secondary oil recovery injection
water systems and as a preservative
in adhesives and latexes.

ACTIVE INGREDIENT:

Bis(trichloromethyl)sulfone..... 34.3%

INERT INGREDIENTS:..... 65.7%

100.0%

KEEP OUT OF REACH OF CHILDREN

ACCEPTED
with COMMENTS

DANGER

CORROSIVE - CAUSES EYE DAMAGE
AND SKIN IRRITATION
MAY BE FATAL IF INHALED

APR 16 1987

STATEMENT OF PRACTICAL TREATMENT

476-2152

FIRST AID

Immediately start the procedures given below and CONTACT
A POISON CENTER, A PHYSICIAN, OR THE NEAREST HOSPITAL.
Describe the type and extent of exposure, the victim's
symptoms, and follow the advice given.

If swallowed, immediately give several glasses of water
but do not induce vomiting. If vomiting occurs, give
fluids again. Have a physician determine if condition
will permit induction of vomiting or evacuation of stomach.
Do not give anything by mouth to an unconscious or convulsing
person.

In case of contact, immediately flush eyes and skin with
large amounts of running water for at least 15 minutes while
removing contaminated clothing and shoes. For eyes, hold
eyelids apart during the flushing to ensure rinsing of the
entire surface of the eye and lids with water. Get medical
attention immediately. Clean or discard contaminated clothing
and shoes.

FRONT PANEL

STATEMENT OF PRACTICAL TREATMENT

FIRST AID (Cont'd)

If inhaled, remove to fresh air. If breathing is difficult, oxygen may be given with a physician's advice using a demand-type or a continuous-flow inhaler. If not breathing, clear victim's airway, start mouth-to-mouth artificial respiration. Get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive - causes eye damage and skin irritation.
May be fatal if inhaled.

Environmental Hazards: This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

In Case of Emergency - Immediately call (24 hours)
(800) 424-9300 Chemtec, or (203) 226-6602 Stauffer
Chemical Company.

GENERAL DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Formulators are advise that they are responsible for obtaining EPA registration for their products formulated from N-1386 HEXYLENE GLYCOL.

Shake or stir before using.

For further information on N-1386 Hexylene Glycol, contact the Specialty Chemical Division of Stauffer Chemical Company in Westport, Connecticut 06881; 203-222-3000.

STORAGE AND DISPOSAL

1. PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Keep away from heat and flame.
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3. PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
4. CONTAINER DISPOSAL:
METAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NOTICE - READ CAREFULLY

Warranty Limitations: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

Limitations of Liability: In no case shall Stauffer (and or seller) be liable for special, indirect, or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

EPA Reg. No. 476-2152
EPA Est. 1935-NJ-1

LOT NO. _____

____ LB. NET WT. _____ KG

Made in U.S.A. by
STAUFFER CHEMICAL COMPANY
SPECIALTY CHEMICAL DIVISION
WESTPORT, CT. 06881-0852

SIDE PANEL



POISONOUS LIQUID, N.D.S.
(IMO: PESTICIDES, LIQUID, TOXIC, N.D.S., UN2902)
(BIS(TRICHLOROMETHYL)SULFONE, HEXYLENE GLYCOL)