

Chem file 06810d



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

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

March 19, 1991

MEMORANDUM

SUBJECT: Transmittal of EFED List B Review for Methylene-bis thiocyanate (case number 2415)

FROM: Amy Rispin, Chief *Amy Rispin*
Science Analysis and Coordinatin Staff
Environmental Fate and Effects Division

TO: Jay Ellenberger, Chief
Generic Chemical Support Branch
Special Review and Reregistration Division

Attached please find the following documents for the completed EFED review of Methylene bis (thiocyanate).

1. EFGWB review
2. EEB review
3. SACS Reregistration Summary Report

If you have any questions concerning this case, please contact Bernice Slutsky (557-7974).

cc (with SACS Reregistration Summary Report attached)

Anne Barton
Paul Schuda
Amy Rispin
List B File

Hank Jacoby
Elizabeth Leovey
Cover Memo File

Jim Akerman
Doug Urban

SACS REREGISTRATION SUMMARY REPORT
for Phase IV

FROM: Bernice Slutsky *Bernice Slutsky* Date: March 19, 1991

THRU: Amy Rispin *Amy Rispin*

TO: Betty Crompton

Active Ingredient:

List B

Methylene bis(thiocyanate)

1. Intro/History

2. Use Pattern (Sites) and Application Rate.

aquatic non-food industrial sites: water cooling systems, pulp and paper mill water cooling systems, industrial waste and disposal systems, industrial scrubbing systems, secondary oil recovery injection water, sewage systems

indoor food use sites: food processing water systems

indoor nonfood sites: industrial adhesives, industrial coatings, rsin/latex/polymer emulsions, oil storage tank bottom water additive, leather processing, metalworking cutting liquids, oil recovery drilling muds, latex paint cans, paper/paper products, pasteurizer/warmer/cannery cooling water systems, industrial processing chemicals

terrestrial non-food crop: wood pressure treatment to forest products

indoor residential: wood protection treatment to buildings/indoor
outdoor residential: wood protection treatment to buildings/outdoor

3. Registration Information

A. Kind of pesticide.
antimicrobial

B. Target pest.
microbes

C. Method of application.
see LUIS report

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D. Formulation Issues and Structure:

5. EEB Disciplinary Summary To highlight special issues

Methylene bis is toxic to freshwater fish and invertebrates. It most likely is not toxic to birds.

Data requirements that have been fulfilled:

72-1(a) acute fish toxicity/bluegill
72-1(c) acute fish toxicity/rainbow trout
72-2(a) acute aquatic invertebrate toxicity

Data requirements that have to be submitted:

72-3(a) acute tox estuarine/marine fish
72-3(b) acute tox. estuarine/marine mollusc
72-3(c) acute tox. estuarine/marine shrimp
72-4(a) early life-stage fish
72-4(b) life-cycle aquatic invertebrate
123-2 aquatic plant growth

Data requirements that have been reviewed but are not adequate:

71-1 acute avian oral, quail/duck
test may be upgraded if %active ingredient is identified

71-2(a) acute avian diet/quail

The % active ingredient was not identified and the test material was unstable so that an actual LC 50 could not be calculated.

71-2(b) acute avian diet/duck

Same as 71-2(b)

Data requirements in reserve:

72-1(b) acute fish tox./bluegill (TEP)
72-1(d) acute fish tox./rainbow (TEP)
72-2(b) acute aquatic invert.tox. (TEP)
72-3(d) acute tox estuar./marine fish (TEP)
72-3(e) acute tox estuar./marine mollusc (TEP)
72-3(f) acute tox estuar/marine shrimp (TEP)
72-5 full life cycle fish
72-7(b) actual aquatic field study
124-2 aquatic field study

6. EFGWB Disciplinary Summary To highlight special issues

Methylene bis has a low K_{oh} (<10) and a high solubility in water (2.8×10^3 ppm) and therefore will not accumulate in fish.

Data requirements that have been fulfilled:

161-1 hydrolysis

Data requirements that will be submitted:

160-5 chemical identity
161-2 photodegradation in water
162-3 anaerobic aquatic metabolism
162-4 aerobic aquatic metabolism
163-1 leaching adsorption/desorption

Data requirements that are required:

162-1 aerobic soil metabolism

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164-1 terrestrial field dissipation

163-1 aquatic field dissipation

Both of these data are required because of the terrestrial/aquatic non-food uses

201-1 and 202-1 spray drift

Required because of acute toxicities

7. Integrating Paragraph to highlight special issues

The data requirements for both branches would be applicable for non-contained cooling systems.

8. Ecotoxicity studies to be flagged for early review for tier or other decisions

none at this time

9. Any data waivers, special considerations, or special study needs? (special information needed for data waivers)

Methylene bis is sometimes formulated and therefore EEB has held TEP studies in reserve.



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

MAR 7 1991

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: Review of Phase IV Package for Methylene-
bis(thiocyanate), (Chemical Code 068102/Case #2415)

TO: Amy Rispin, Chief
Science Analysis and Coordination Staff
Environmental Fate and Effects Division (H7507C)

FROM: Herbert L. Manning, Ph.D. *Herbert L. Manning*
Section 3, EFGWB/EFED (H7507C)

THRU: Hank Jacoby, Chief *Hank Jacoby*
Environmental Fate and Ground Water Branch
Environmental Fate and Effects Division (H7507C)

Akiva Abramovitch, Ph.D., Chief, Section 3 *Akiva Abramovitch*
Environmental Fate and Ground Water Branch
Environmental Fate and Effects Division (H7507C)

The Phase IV review package for the List B chemical methylene-bis(thiocyanate) was reviewed and found to be complete.

There are seven registrants for the chemical and they have formed a Methylene-bis(thiocyanate) Task Force to deal with its reregistration. The registrants and the DATA PACKAGE tracking information is as follows:

- Buckman Labs, EFGWB #90-0847/DP Barcode D155114
- Vineland Chemical, EFGWB #90-0848/DP Barcode D155129,
- Vikings Industries, EFGWB #90-0849/DP Barcode D155141
- Calgon Corp., EFGWB #90-0850/DP Barcode D155148
- Akzo Chemicals, EFGWB #90-0851/DP Barcode D155155
- Ameribrom, Inc, EFGWB #90-0852/DP Barcode D155455
- Albright & Wilson Americas, EFGWB #90-0853/DP Barcode D155468

Four DATA PACKAGE RECORDS were submitted to provide additional information (Series 61, 62, 63); however, the information does not pertain to environmental fate (Series 160):

- Albright & Wilson, Ser. 62-2, EFGWB #91-0048/ Barcode D156457
- Vineland Chem, 61-2, 62-2, EFGWB #91-0050/ Barcode D156452
- Buckman Labs, 61-2, 62-2, EFGWB #91-0051/ Barcode D156472
- Buckman Labs, 61-1, 63, EFGWB #91--123/Barcode D157347

The EFGWB reviewed the use patterns (Terrestrial Non-Food, Aquatic Non-Food, Outdoor Residential, Indoor Food/Non-Food/Residential) from the LUIS report (dated 16 Feb 1991), which is attached. The attached table gives the current status of the data requirements. The only study submitted to date is hydrolysis (161-1). The study was reviewed (EFGWB #5896/1-23-86; MRID #00150229) and is acceptable.

Because of the Terrestrial/Aquatic Non-Food uses, two data requirements should have been addressed in the Phase 3 Summary but were not. These are: Aerobic Soil Metabolism (162-1) and Accumulation in Fish (165-4). Aerobic Soil data are required; however, the Accumulation in Fish data may be waived since the chemical has a very low K_{ow} (<10) and a very high water solubility (2.8×10^3 ppm), indicating a lipophobic nature (non-accumulation in fat tissue of fish or wildlife).

Two other data requirements were granted reserve status in the Phase 2 Response, but should not have been. These are: Terrestrial Field Dissipation (164-1) and Aquatic (sediment) Field Dissipation (163-1). Both data are required due to the Terrestrial/Aquatic Non-Food uses. They are not tiered data, that is, they are not dependent upon other studies. Other data required are Spray Drift data (201-1 and 202-1), due to acute toxicities and adverse ecological effects.

Therefore, the following data are also required:

- Aerobic Soil Metabolism (162-1)
- Terrestrial Field Dissipation (164-1)
- Aquatic (sediment) Field Dissipation (163-1)
- Spray Drift (201-1 and 202-1)

The registrant has already agreed, according to the Phase 4 Package, that the data that will be submitted by the Task Force are:

- Chemical Identity 160-5
- Photodegradation in Water 161-2
- Anaerobic Aquatic Metabolism 162-3
- Aerobic Aquatic Metabolism 162-4
- Leaching- Adsorption/Desorption 163-1

Reserved data include: Long Term Terrestrial Dissipation (164-5), Ground Water Monitoring Data (166-1,-2,-3), Surface Water Monitoring data (167-1,-2), and Combin./Tank Mix Field Dissipation data (164-4).

The one-liner was updated and is attached.

PHASE IV ENVIRONMENTAL FATE SUMMARY TABLE FOR METHYLENE BIS(THIOCYANATE)

Chemical Code: 068102
 Pesticide Type: Microbiocide

Reviewer: H. Manning
 Date: 2/25/91

Uses: (LUS, dated 2/16/91): Terrestrial Non-Food, Aquatic Non-Food Industrial, Indoor Food, Non-Food/Residential, Outdoor Residential.

	Submitted Studies/ Addenda	DER/Addendum Review/Summary Identification	DER/Addendum Review/Summary Conclusions	Additional Data/Info Required?
<u>DEGRADATION-LAB:</u>				
161-1. Hydrolysis	00150229	DER(5896/1-23-86)	Satisfied	No
<u>PHOTODEGRADATION:</u>				
161-2. In Water	None			SWBSubmitted
161-3. On Soil	None			No ¹
161-4. In Air	None			No ¹
<u>METABOLISM-LAB:</u>				
162-1. Aerobic Soil	None			Yes ²
162-2. Anaerob Soil	None			No ¹
162-3. Anaerob. Aquat	None			SWBSubmitted
162-4. Aerobic Aquat	None			SWBSubmitted
<u>MOBILITY STUDIES:</u>				
163-1 Leaching and Adsorp/Desorp	None			SWBSubmitted
163-2 Volatil Lab	None			No ¹

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PHASE IV ENVIRONMENTAL FATE SUMMARY TABLE (continued)

	Submitted Studies/ Addenda	DER/Addendum Review/Summary Identification	DER/Addendum Review/Summary Conclusions	Additional Data/Info Required?
163-3	Volatil-Field	None		No
<u>DISSIPATION FIELD:</u>				
164-1.	Terrestr. (Soil)	None		Yes ³
164-2.	Aquat. (Sediment)	None		Yes ³
164-3.	Forestry	None		No ¹
164-4.	Combin./Tank Mix	None		Reserved ⁴
164-5.	Long Term Terr.	None		Reserved ⁵
164-5.	Long Term Aqua.	None		No ¹
<u>ACCUMULATION STUDIES:</u>				
165-1.	Conf. Rot. Crops	None		No ¹
165-2.	Field Rot. Crops	None		No
165-3.	Irrigated Crops	None		No ¹
165-4.	Fish (Lab)	None		Waived ⁶
165-5.	Aquat Non-target Organ. (Field)	None		No

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PHASE IV ENVIRONMENTAL FATE SUMMARY TABLE (continued)

	Submitted Studies/Addendums	DER/Addendum Review/Summary Identification	DER/Addendum Review/Summary Conclusions	Additional Data/Info Required?
<u>SPRAY DRIFT:</u>				
201-1. Droplet Spect.	None			Yes ⁷
202-1. Field Spray Drift Evaluation	None			Yes ⁷
<u>GROUNDWATER MONITORING:</u>				
166-1. Small Prospect	None			Reserved ⁸
166-2. Small Retrop.	None			Reserved ⁸
166-3. Large Retrop.	None			Reserved ⁹
<u>SURFACE WATER MONITORING:</u>				
167-1. Field Runoff	None			Reserved ¹⁰
167-2. Surface Water Monitoring	None			Reserved ¹¹

FOOTNOTES:

1. Data are not applicable to the Terrestrial/Aquatic Non-Food and Indoor Non-Food use pattern.
2. Aerobic Soil Metabolism data are required due to the use pattern.

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FOOTNOTES: (continued)

3. The registrant was incorrectly granted reserved status for these data. Terrestrial Field Dissipation (164-1) and Aquatic (sediment) Field Dissipation (164-2) are not tiered data (dependent upon other studies) and are required due to the use pattern.
4. Combin./Tank Mix Field Dissipation data, 164-4, is reserved because several (5) End-Use Products (EP) contain multiple (up to 3) active ingredients. The study would be required if the use pattern included Terrestrial Food Crops.
5. Long Term Terrestrial Dissipation data (164-5) are reserved pending the results of Terrestrial (Soil) Dissipation (164-1), if applicable.
6. Accumulation in Fish data (165-4) may be waived since the chemical has a very low K_{ow} (<10) and a very high water solubility (2.8×10^3 ppm), indicating a lipophobic nature (non-accumulation in fat tissue of fish or wildlife).
7. Spray Drift data (201-1 and 202-1) are required due to the acute dermal and acute inhalation toxicities (TOX Category 2) and the ecological effects (toxicity to wildlife).
8. Reserved pending preliminary assessment of potential for leaching to ground water (based upon the results of various laboratory and terrestrial field dissipation studies).
9. Reserved pending review of the results of small scale retrospective ground water study (if applicable).
10. Reserved pending a preliminary assessments of the potential for runoff to surface water (based upon the results of various laboratory and field dissipation studies).
11. Reserved pending a review of the results of the field runoff study (if applicable).

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Environmental Fate & Effects Division
PESTICIDE ENVIRONMENTAL FATE ONE LINE SUMMARY
METHYLENE BIS(THIOCYANATE)

Last Update on February 26, 1991
[V] = Validated Study [S] = Supplemental Study

Common Name: METHYLENE BIS(THIOCYANATE)

Smiles Code: S(C#N)CSC#N

PC Code # : 68102 CAS #: 6317-18-6

Caswell #:

Chem. Name : METHYLENE BIS(THIOCYANATE)

Action Type: Microbiocide (bactericide)

Trade Names:

(Formul'tn):

Physical State:

Use : TERRESTRIAL NON-FOOD
Patterns : AQUATIC NON-FOOD
(% Usage) : OUTDOOR RESIDENTIAL
: INDOOR FOOD/NON-FOOD/RESIDENTIAL

Empirical Form: $C_3H_2S_2N_2$
Molecular Wgt.: 130.18 Vapor Pressure: $1.22E^{-4}$ Torr
Melting Point : °C Boiling Point: °C
Log Kow : <1 pKa: @ °C
Henry's : E Atm. M3/Mol (Measured) / $7.46E^{-9}$ (calc'd)

Solubility in ...

					Comments
Water	2.80E	3	ppm	@25.0 °C	
Acetone	E		ppm	@ °C	
Acetonitrile	E		ppm	@ °C	
Benzene	E		ppm	@ °C	
Chloroform	E		ppm	@ °C	
Ethanol	E		ppm	@ °C	
Methanol	E		ppm	@ °C	
Toluene	E		ppm	@ °C	
Xylene	E		ppm	@ °C	
	E		ppm	@ °C	
	E		ppm	@ °C	

Hydrolysis (161-1)

[V] pH 5.0: STABLE

[V] pH 7.0: 21.5 HR

[V] pH 9.0: 2.2 HR

[] pH :

[] pH :

[] pH :

Review of 1/23/86

MRID #00150229

Environmental Fate & Effects Division
PESTICIDE ENVIRONMENTAL FATE ONE LINE SUMMARY
METHYLENE BIS(THIOCYANATE)

Last Update on February 26, 1991

[V] = Validated Study [S] = Supplemental Study

Photolysis (161-2, -3, -4)

[] Air :
[] Soil :
[] Water:
[] :
[] :
[] :

Aerobic Soil Metabolism (162-1)

[]
[]
[]
[]
[]
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[]

Anaerobic Soil Metabolism (162-2)

[]
[]
[]
[]
[]
[]
[]

Anaerobic Aquatic Metabolism (162-3)

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[]

Aerobic Aquatic Metabolism (162-4)

[]
[]
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[]
[]
[]

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Environmental Fate & Effects Division
PESTICIDE ENVIRONMENTAL FATE ONE LINE SUMMARY
METHYLENE BIS (THIOCYANATE)

Last Update on February 26, 1991

[V] = Validated Study [S] = Supplemental Study

Soil Partition Coefficient (Kd) (163-1)

[]
[]
[]
[]
[]
[]

Soil Rf Factors (163-1)

[]
[]
[]
[]
[]
[]

Laboratory Volatility (163-2)

[]
[]

Field Volatility (163-3)

[]
[]

Terrestrial Field Dissipation (164-1)

[]
[]
[]
[]
[]
[]
[]
[]
[]
[]

Aquatic Dissipation (164-2)

[]
[]
[]
[]
[]
[]

Forestry Dissipation (164-3)

[]
[]

Environmental Fate & Effects Division
PESTICIDE ENVIRONMENTAL FATE ONE LINE SUMMARY
METHYLENE BIS(THIOCYANATE)

Last Update on February 26, 1991

[V] = Validated Study [S] = Supplemental Study

Long-Term Soil Dissipation (164-5)

[]
[]

Accumulation in Rotational Crops, Confined (165-1)

[]
[]

Accumulation in Rotational Crops, Field (165-2)

[]
[]

Accumulation in Irrigated Crops (165-3)

[]
[]

Bioaccumulation in Fish (165-4)

[]
[]

Bioaccumulation in Non-Target Organisms (165-5)

[]
[]

Ground Water Monitoring, Prospective (166-1)

[]
[]
[]
[]

Ground Water Monitoring, Small Scale Retrospective (166-2)

[]
[]
[]
[]

Ground Water Monitoring, Large Scale Retrospective (166-3)

[]
[]
[]
[]

Ground Water Monitoring, Miscellaneous Data (158.75)

[]
[]
[]

Environmental Fate & Effects Division
PESTICIDE ENVIRONMENTAL FATE ONE LINE SUMMARY
METHYLENE BIS (THIOCYANATE)

Last Update on February 26, 1991
[V] = Validated Study [S] = Supplemental Study

Field Runoff (167-1)

[]
[]
[]
[]

Surface Water Monitoring (167-2)

[]
[]
[]
[]

Spray Drift, Droplet Spectrum (201-1)

[]
[]
[]
[]

Spray Drift, Field Evaluation (202-1)

[]
[]
[]
[]

Degradation Products

Formaldehyde (neut. & alkaline hydrol.)
Thiocyanate ion (neut. & alkal. hydrol.)

Environmental Fate & Effects Division
PESTICIDE ENVIRONMENTAL FATE ONE LINE SUMMARY
METHYLENE BIS (THIOCYANATE)

Last Update on February 26, 1991

[V] = Validated Study [S] = Supplemental Study

Comments

References: EPA REVIEWS
Writer : H. Manning

ALPHABETIC ACTIVE CHEMICAL CODE LIST

ASCII FILE (JULY 90) FROM PEGGY OPE (PMSD)
PROGRAMMED BY YUEN-SHAUNG NG (BAB/BEAD)

TYPES: NONE OR BLANK = PREFERRED NAME FOR INGREDIENT STATEMENTS,
+=OFFICIAL, #=ANSI, C=COMMON, S=SYNONYM,
T=TRADE OR OTHER, *=NO ACTIVE PRODUCT

02/05/91

-----PAGE 1

CHEMICAL		
TYPE	CODE	CHEMICAL NAME
	068102	Methylene-bis(thiocyanate)
S	068102	CAS Reg. No. 6317-18-6
S	068102	Thiocyanic acid, methylene ester
S	068102	Methylene dithiocyanate

068102 Methylenebis(thiocyanate)

LUIS
General Chemical Report
Type(s) of Pesticide

(DYNAMAC REPORT)

Date: 16 FEB 1991
Page: 1

Description.....

ALGAEICIDE

BACTERIOSTAT

DISINFECTANT (BACTERIOCIDES/GERMICIDES)

FUNGICIDE

FUNGICIDE/FUNGISTAT (TRICOPHYTON)

INSECTICIDE

MICROBICIDE/MICROBIOSTAT (SLIME-FORMING BACTERIA)

MICROBICIDE/MICROBIOSTAT (SLIME-FORMING FUNGI)

MOLUSCICIDE AND TADPOLE SHRIMP

068102 Methylenebis(thiocyanate)

LUIS
General Chemical Report
Use Groups

(DYNAMIC REPORT)

Date: 16 FEB 1991
Page: 1

Use Group. Description.....

TERRESTRIAL NON-FOOD CROP

C1

AQUATIC NON-FOOD INDUSTRIAL

F1

OUTDOOR RESIDENTIAL

K1

INDOOR FOOD

L1

INDOOR NON-FOOD

M1

INDOOR RESIDENTIAL

O1

LUIS
General Chemical Report
Site and Use Groups

(DYNAMAC REPORT)

Site.....	Use Group.....	Use Group Category Desc..
FOOD PROCESSING WATER SYSTEMS	INDOOR FOOD	Food/Feed Uses
ADHESIVES, INDUSTRIAL	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
AIR WASHER WATER SYSTEMS	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
COATINGS, INDUSTRIAL	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
COMMERCIAL/INDUSTRIAL WATER COOLING SYSTEMS	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
EMULSIONS, RESIN/LATEX/POLYMER	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
EVAPORATIVE CONDENSER WATER SYSTEMS	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
FUELS/OIL STORAGE TANK BOTTOM WATER ADDITIVE	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
HEAT EXCHANGER WATER SYSTEMS	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
INDUSTRIAL AUXILIARY WATER SYSTEMS	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
INDUSTRIAL SCRUBBING SYSTEM	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
INDUSTRIAL WASTE DISPOSAL SYSTEMS	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
LEATHER PROCESSING LIQUORS	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
LEATHER/LEATHER PRODUCTS	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
METALWORKING CUTTING FLUIDS	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
OIL RECOVERY DRILLING MUDS/PACKER FLUIDS	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
PAINTS, LATEX (IN-CAN)	INDOOR NON-FOOD	Non-Food/Non-Feed Uses

Site.....	Use Group.....	Use Group Category Desc..
PAPER/PAPER PRODUCTS	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
PASTEURISER/WARMER/CANNERY COOLING WATER SYSTEMS	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
PULP/PAPER MILL WATER SYSTEMS	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
SECONDARY OIL RECOVERY INJECTION WATER	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
SEWAGE SYSTEMS	AQUATIC NON-FOOD INDUSTRIAL	Non-Food/Non-Feed Uses
SPECIALITY INDUSTRIAL PRODUCTS	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
WET-END ADDITIVES/INDUSTRIAL PROCESSING CHEMICALS	INDOOR NON-FOOD	Non-Food/Non-Feed Uses
WOOD PRESSURE TREATMENT TO FOREST PRODUCTS	TERRESTRIAL NON-FOOD CROP	Non-Food/Non-Feed Uses
WOOD PROTECTION TREATMENT TO BUILDINGS/PRODUCTS INDOOR	INDOOR RESIDENTIAL	Non-Food/Non-Feed Uses
WOOD PROTECTION TREATMENT TO BUILDINGS/PRODUCTS OUTDOOR	OUTDOOR RESIDENTIAL	Non-Food/Non-Feed Uses
WOOD PROTECTION TREATMENT TO FOREST PRODUCTS (SEASONED)	TERRESTRIAL NON-FOOD CROP	Non-Food/Non-Feed Uses
WOOD PROTECTION TREATMENT TO FOREST PRODUCTS (UNSEASONED)	TERRESTRIAL NON-FOOD CROP	Non-Food/Non-Feed Uses



068102 Methylonebis(thiocyanate) (MBT)

IUIS
General Chemical Report
(DYNAMAC REPORT)

Date: 16 FEB 1991
Page: 1

Formulation(s), Product Type(s), Restricted Chemical Information

Form Description..... Reg.No..... AI Percent. AI Codes. Density.. Prod Cat. Type of Prod. Homeowner. Restricted Use Reason.....

05	PELLETED/TABLETED	001706-00064	05.0000	068102	A	EP	N
05	PELLETED/TABLETED	010349-00019	10.0000	068102	A	EP	N

06	WETTABLE POWDER	034688-00059	99.0000	068102	A	TCAI	N
----	-----------------	--------------	---------	--------	---	------	---

15	SOLUBLE CONCENTRATE LIQUID	000150-00063	02.5000	035603	A	EP	N
			02.5000	068102	P		

two ai TCMTB

15	SOLUBLE CONCENTRATE LIQUID	000458-00031	10.0000	035603	H	EP	Y
15	SOLUBLE CONCENTRATE LIQUID	000527-00125	10.0000	068102	I		
			10.0000	035603	A	EP	N
			10.0000	068102	F		

MBT

15	SOLUBLE CONCENTRATE LIQUID	001022-00531	10.0000	035603	H	EP	N
15	SOLUBLE CONCENTRATE LIQUID	001448-00034	10.0000	068102	F		
			10.0000	068102	A	EP	N

15	SOLUBLE CONCENTRATE LIQUID	001448-00081	10.0000	035603	F	EP	N
			10.0000	068102	A	EP	N

15	SOLUBLE CONCENTRATE LIQUID	001448-00101	05.0000	035603	H	EP	N
			05.0000	068102	F		
					A		
					H		

068102 Methylenebis(thiocyanate) (MBT)

LUIS (DYNAMAC REPORT)

Date: 16 FEB 1991

Page: 3

General Chemical Report

Formulation(s), Product Type(s), Restricted Chemical Information

Form Description..... Reg.No..... AI Percent. AI Codes. Density.. Prod Cat. Type of Prod. Homeowner. Restricted Use Reason.....

Form Description	Reg.No.	AI Percent	AI Codes	Density	Prod Cat	Type of Prod	Homeowner	Restricted Use Reason
15 SOLUBLE CONCENTRATE LIQUID	003876-00061	20.0000	A	0.35601	EP	N		
15 SOLUBLE CONCENTRATE LIQUID	003876-00090	17.0000	A	0.35601	EP	N		
15 SOLUBLE CONCENTRATE LIQUID	004643-00016	09.3000	A	0.68102	EP	N		
15 SOLUBLE CONCENTRATE LIQUID	005700-00013	02.5000	A	0.35603	EP	N		
15 SOLUBLE CONCENTRATE LIQUID	007053-00030	10.0000	A	0.35603	EP	N		
15 SOLUBLE CONCENTRATE LIQUID	007053-00031	02.5000	A	0.35603	EP	N		
15 SOLUBLE CONCENTRATE LIQUID	007547-00032	02.5000	A	0.35603	EP	N		
15 SOLUBLE CONCENTRATE LIQUID	008176-00021	10.0000	A	0.35603	EP	N		
15 SOLUBLE CONCENTRATE LIQUID	009386-00004	10.0000	A	0.68102	EP	N		

two ai

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068102 Methylenedis(thiocyanate) (MBT)

(DYNAMIC REPORT)

General Chemical Report

Date: 16 FEB 1991
Page: 5

Formulation(s), Product Type(s), Restricted Chemical Information

Form Description..... AI Percent. AI Codes. Density.. Prod Cat. Type of Prod. Homeowner. Restricted Use Reason.....

Form Description	AI Percent	AI Codes	Density	Prod Cat	Type of Prod	Homeowner	Restricted Use Reason
15 SOLUBLE CONCENTRATE LIQUID	020276-00011	10.0000	035603		EP	N	
		10.0000	068102				
15 SOLUBLE CONCENTRATE LIQUID	020375-00029	02.5000	035603		EP	N	
		02.5000	068102				
15 SOLUBLE CONCENTRATE LIQUID	032852-00010	02.5000	035603		EP	N	
		02.5000	068102				
15 SOLUBLE CONCENTRATE LIQUID	033356-00009	02.5000	035603		EP	N	
		02.5000	068102				
15 SOLUBLE CONCENTRATE LIQUID	033576-00041	02.5000	035603		EP	N	
		02.5000	068102				
15 SOLUBLE CONCENTRATE LIQUID	034571-00013	05.0000	068102		EP	N	
		10.0000	044303				
15 SOLUBLE CONCENTRATE LIQUID	034871-00008	10.0000	035603		EP	N	
		10.0000	068102				
15 SOLUBLE CONCENTRATE LIQUID	036531-00007	10.0000	068102		EP	N	
15 SOLUBLE CONCENTRATE LIQUID	036532-00004	02.5000	035603		EP	N	
		02.5000	068102				

two ai MBT

Diisopropylamine HCL

Form Description..... Reg.No..... AI Percent. AI Codes. Density.. Prod Cat. Type of Prod. Homeowner. Restricted Use Reason.....

15	SOLUBLE CONCENTRATE LIQUID	058700-00001	02.5000	035603	EP	N
			02.5000	068102		
15	SOLUBLE CONCENTRATE LIQUID	058772-00003	02.5000	035603	EP	N
			02.5000	068102		
...						
16	LIQUID-READY TO USE	000458-00030	00.5000	035603	EP	Y
			00.5000	068102		
16	LIQUID-READY TO USE	000458-00032	00.2000	035603	EP	Y
			00.2000	068102		
16	LIQUID-READY TO USE	000458-00033	00.5000	035603	EP	Y
			00.5000	068102		
16	LIQUID-READY TO USE	000458-00034	00.2000	035603	EP	Y
			00.2000	068102		
16	LIQUID-READY TO USE	000518-00079	00.5000	035603	EP	N
			00.5000	068102		
16	LIQUID-READY TO USE	001386-00619	00.2000	035603	EP	Y
			00.2000	068102		
16	LIQUID-READY TO USE	001386-00620	00.2000	035603	EP	Y
			00.2000	068102		
16	LIQUID-READY TO USE	001409-00058	00.2000	035603	EP	Y
			00.1000	059101		
			00.2000	068102		
16	LIQUID-READY TO USE	001448-00094	00.5000	035603	EP	Y
			00.5000	068102		
16	LIQUID-READY TO USE	004091-00008	00.2000	035603	EP	Y

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Chloroforms
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068102 Methylenebis(thiocyanate) (MBT)

LUIS

(DYNAMAC REPORT)

Date: 16 FEB 1991
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General Chemical Report

Formulation(s), Product Type(s), Restricted Chemical Information

Form Description..... Reg.No..... AI Percent. AI Codes. Density.. Prod Cat. Type of Prod. Homeownr. Restricted Use Reason.....

Form Description	Reg.No.	AI Percent.	AI Codes	Density	Prod Cat.	Type of Prod.	Homeownr.	Restricted Use Reason
16 LIQUID-READY TO USE	007135-00006	00.2000						
16 LIQUID-READY TO USE	009957-00011	00.5000						
16 LIQUID-READY TO USE	009957-00012	00.2000						
16 LIQUID-READY TO USE	016164-00022	00.5000						
16 LIQUID-READY TO USE	048484-00004	00.3400						
16 LIQUID-READY TO USE	048484-00005	00.5000						
16 LIQUID-READY TO USE	048484-00006	00.3400						

21 SOLUBLE CONCENTRATE/SOLID	002853-00046	30.0000						
21 SOLUBLE CONCENTRATE/SOLID	003876-00121	05.0000						
21 SOLUBLE CONCENTRATE/SOLID	010445-00092	10.0000						
21 SOLUBLE CONCENTRATE/SOLID	012487-00015	02.5000						
21 SOLUBLE CONCENTRATE/SOLID	045017-00013	07.0000						
21 SOLUBLE CONCENTRATE/SOLID	045017-00019	07.0000						
21 SOLUBLE CONCENTRATE/SOLID	045017-00025	04.9000						
21 SOLUBLE CONCENTRATE/SOLID	09.2000	09.2000						

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LOUIS

Aggregate Report Showing Maximum Rate per Site

Max. Rate / App. Qty Unit	Area	Type	Min. Diluent Qty Unit	Finished Spray Qty Unit	Area	Max. Rate / App. at Soil Level Texture	Qty Unit	Area	Repeat App. Timing	Reg #	
Site: ADHESIVES, INDUSTRIAL											
1 --						Use Group: INDOOR NON-FOOD			N	During manufacture.	001022-00531
Site: COMMERCIAL/INDUSTRIAL WATER COOLING SYSTEMS											
139.392 lb	A		*** Maximum Rate ***			Use Group: AQUATIC NON-FOOD INDUSTRIAL			Y		001448-00172
1 --									Y		000150-00063
5 lb		W	1000 gal			Use Group: INDOOR NON-FOOD			Y		010778-00010
Site: PAPER/PAPER PRODUCTS											
87.12 lb	A		*** Maximum Rate ***						N	Not on label.	000527-00125
1 --									N	Not on label.	000527-00125
Site: WOOD PAPER TREATMENT TO FOREST PRODUCTS											
1 --						Use Group: TERRESTRIAL NON-FOOD CROP			N	Not on label.	000518-00079
Site: WOOD PROTECTION TREATMENT TO BUILDINGS/PRODUCTS INDOOR											
1 --						Use Group: INDOOR RESIDENTIAL			N	Not on label.	001022-00531
1 gal			250 sq.ft						N	Not on label.	004091-00008
Site: WOOD PROTECTION TREATMENT TO BUILDINGS/PRODUCTS OUTDOOR											
1 gal			200 sq.ft			Use Group: OUTDOOR RESIDENTIAL			N	Not on label.	000458-00030
1 gal		W	32.3 gal						N	Not on label.	000458-00031
1 --									N	Not on label.	000518-00079
124 fl.oz			150 sq.ft			Use Group: TERRESTRIAL NON-FOOD CROP			N	Not on label.	007135-00006
Site: WOOD PROTECTION TREATMENT TO FOREST PRODUCTS (SEASONED)											
1 gal			200 sq.ft						N	Not on label.	000458-00030
1 gal		W	19 gal						N	Not on label.	000458-00031
16 lb		W	100 gal						N	Not on label.	001022-00531
Site: WOOD PROTECTION TREATMENT TO FOREST PRODUCTS (UNSEASONED)											
15 lb		W	100 gal			Use Group: TERRESTRIAL NON-FOOD CROP			N	Not on label.	000527-00125
24 lb		W	100 gal						N	Not on label.	001448-00081
48 lb		W	100 gal						N	Not on label.	001448-00101
96 lb		W	100 gal						N	Not on label.	001448-00102

Report Finished

LUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration Qty Unit	Volume	Max. PPM per AI
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: AIR WASHER WATER SYSTEMS					
003876-00121	Continuous feed (initial).	1.0 lb	1000 gal	Water recirculating system	App. Equip: Not on label.	6 by wt
0.34 lb				gal		
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: AIR WASHER WATER SYSTEMS					
009386-00031	Initial.	0.04 gal	1000 gal	Water treatment.	App. Equip: Not on label.	4 by vol
002853-00043	Intermittent (slug)(subsequent).	40 ppm		8.34 lb	gal	
0.34 lb						
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: COMMERCIAL/INDUSTRIAL WATER COOLING SYSTEMS					
003876-00127	Continuous feed (initial).	0.75 lb	1000 gal	Water once-through system	App. Equip: Metering pump.	4 by wt
0.34 lb				gal		
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: COMMERCIAL/INDUSTRIAL WATER COOLING SYSTEMS					
003876-00127	Continuous feed (initial).	1.5 lb	1000 gal	Water recirculating system	App. Equip: Not on label.	9 by wt
009386-00004	Continuous feed (initial).	12.5 fl.oz	1000 gal	8.34 lb	gal	
004643-00016	Continuous feed (subsequent).	1 --		8.34 lb	gal	10 by vol
3.7 fl.oz						
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: COMMERCIAL/INDUSTRIAL WATER COOLING SYSTEMS					
049677-00002	Initial.	3.7 fl.oz	1000 gal	Water treatment.	App. Equip: Metering pump.	3 by vol
8.34 lb				gal		
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: COMMERCIAL/INDUSTRIAL WATER COOLING SYSTEMS					
002853-00043	Initial.	12 oz	1000 gal	Water treatment.	App. Equip: Not on label.	9 by wt
8.34 lb				gal		
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: COMMERCIAL/INDUSTRIAL WATER COOLING SYSTEMS					
049677-00002	Intermittent (slug)(subsequent).	1 --		Wood surface treatment.	App. Equip: Metering pump.	
1						
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: EVAPORATIVE CONDENSER WATER SYSTEMS					
003876-00127	Continuous feed (initial).	1.5 lb	1000 gal	Water recirculating system	App. Equip: Not on label.	9 by wt
009386-00004	Continuous feed (initial).	12.5 fl.oz	1000 gal	8.34 lb	gal	10 by vol
8.34 lb						
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: EVAPORATIVE CONDENSER WATER SYSTEMS					
002853-00043	Initial.	12 oz	1000 gal	Water treatment.	App. Equip: Not on label.	9 by wt
8.34 lb				gal		
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: HEAT EXCHANGER WATER SYSTEMS					
003876-00127	Continuous feed (initial).	1.5 lb	1000 gal	Water recirculating system	App. Equip: Not on label.	9 by wt
8.34 lb				gal		
Use Group: AQUATIC NON-FOOD INDUSTRIAL	Site: INDUSTRIAL AUXILIARY WATER SYSTEMS					
003876-00127	Intermittent (slug)(initial).	3.0 lb	1000 gal	Water treatment.	App. Equip: Not on label.	18 by wt
8.34 lb				gal		

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LOUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration	Volume	Max. FPM per AI
Use Group: AQUATIC NON-FOOD INDUSTRIAL site: INDUSTRIAL SCRUBBING SYSTEM						
003876-00090	Continuous feed (initial).	1.0 lb	1000 gal	Water recirculating syste	8.34 lb gal	Not on label. 6 by wt
Use Group: AQUATIC NON-FOOD INDUSTRIAL site: INDUSTRIAL WASTE DISPOSAL SYSTEMS						
048525-00010	Continuous feed (initial).	100 lb	1000 bbl	Water treatment.	8.34 lb gal	Not on label. 25180 by wt
Use Group: AQUATIC NON-FOOD INDUSTRIAL site: PULP/PAPER MILL WATER SYSTEMS						
010445-00060	Continuous feed (initial).	10.9 fl.oz	1000 gal	Water recirculating syste	8.34 lb gal	Not on label. 9 by vol
Use Group: AQUATIC NON-FOOD INDUSTRIAL site: PULP/PAPER MILL WATER SYSTEMS						
004643-00016	Continuous feed (subsequent).	1 --		Water treatment.		Chemical pump.
Use Group: AQUATIC NON-FOOD INDUSTRIAL site: PULP/PAPER MILL WATER SYSTEMS						
001757-00040	Not on label.	2.0 lb	1 ton	Water treatment.		Drip-feed device.
Use Group: AQUATIC NON-FOOD INDUSTRIAL site: PULP/PAPER MILL WATER SYSTEMS						
001448-00034	Continuous feed (subsequent).	1 lb	1 ton	Water treatment.		Metering pump.
001448-00034	Intermittent (slug)(subsequent).	1.0 lb	1 ton			
Use Group: AQUATIC NON-FOOD INDUSTRIAL site: PULP/PAPER MILL WATER SYSTEMS						
045017-00013	Continuous feed (initial).	4.0 lb	1000 gal	Water treatment.	8.34 lb gal	Not on label. 34 by wt
045017-00021	Continuous feed (initial).	1 lb	1 ton			
056635-00001	Continuous feed (initial).	2 fl.oz	1 ton		00	
001706-00064	Continuous feed (subsequent).	1.0 lb	1 ton			
001706-00112	Continuous feed (subsequent).	1.0 lb	1 ton			
002853-00043	Continuous feed (subsequent).	8 oz	1 ton			
002853-00046	Continuous feed (subsequent).	2.66 oz	1 ton			
009386-00004	Continuous feed (subsequent).	4.0 fl.oz	1 ton			
009386-00026	Continuous feed (subsequent).	4.0 fl.oz	1 ton			
045017-00021	Continuous feed (subsequent).	0.5 lb	1 ton			
004643-00016	Initial.	3.2 fl.oz	1 ton			
045017-00021	Intermittent (slug)(initial).	1 lb	1 ton			
056635-00001	Intermittent (slug)(initial).	2 fl.oz	1 ton			
001706-00064	Intermittent (slug)(subsequent).	1.0 lb	1 ton		00	
001706-00112	Intermittent (slug)(subsequent).	1.0 lb	1 ton			
002853-00043	Intermittent (slug)(subsequent).	8 oz	1 ton			
002853-00046	Intermittent (slug)(subsequent).	2.66 oz	1 ton			

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LUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration Qty Unit	Volume	Max. PPM Per AI
Use Group: AQUATIC NON-FOOD INDUSTRIAL Site: PULP/PAPER MILL WATER SYSTEMS						
009386-00004	Intermittent (slug)(subsequent).	5.0 fl.oz	1 ton			
009386-00026	Intermittent (slug)(subsequent).	5.0 fl.oz	1 ton			
045017-00021	Intermittent (slug)(subsequent).	0.5 lb	1 ton			
045017-00024	Intermittent (slug)(subsequent).	0.02 gal	1 ton			
010445-00038	Not on label.	10.9 fl.oz	1000 gal			
00527-00125	Not on label.	0.5 lb	1 ton		8.34 lb	9 by vol
001448-00081	Not on label.	0.5 lb	1 ton			
001448-00101	Not on label.	1.0 lb	1 ton			
001448-00102	Not on label.	2.0 lb	1 ton			
010445-00092	Not on label.	0.5 lb	1 ton			
Use Group: AQUATIC NON-FOOD INDUSTRIAL Site: SECONDARY OIL RECOVERY INJECTION WATER						
009386-00004	Initial.	0.75 gal	1000 gal			
Use Group: AQUATIC NON-FOOD INDUSTRIAL Site: SECONDARY OIL RECOVERY INJECTION WATER						
056635-00001	Continuous feed (initial).	0.25 gal	1000 gal			
Use Group: AQUATIC NON-FOOD INDUSTRIAL Site: SECONDARY OIL RECOVERY INJECTION WATER						
048525-00010	Continuous feed (initial).	100 lb	1000 bbl			
009386-00026	Initial.	0.75 gal	1000 gal			
010349-00019	Initial.	100 PPM				
Use Group: AQUATIC NON-FOOD INDUSTRIAL Site: SEWAGE SYSTEMS						
003876-00127	Continuous feed (initial).	1.5 lb	1000 gal			
Use Group: INDOOR FOOD Site: FOOD PROCESSING WATER SYSTEMS						
003876-00127	Continuous feed (initial).	1.5 lb	1000 gal			
Use Group: INDOOR NON-FOOD Site: ADHESIVES, INDUSTRIAL						
002853-00043	During manufacture.	200 PPM				
036531-00007	During manufacture.	1 --				
045017-00012	During manufacture.	1000 PPM				
045017-00013	During manufacture.	1000 PPM				
045017-00019	During manufacture.	1000 PPM				
045017-00021	During manufacture.	1000 PPM				
045017-00025	During manufacture.	1000 PPM				

LUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration Qty Unit	Max. PPM per AI
Use Group: INDOOR NON-FOOD					
045017-00027	During manufacture.	1000 ppm			Not on label.
045017-00028	During manufacture.	1000 ppm			Not on label.
Site: ADHESIVES, INDUSTRIAL					
App. Type: Industrial preservative t					
App. Equip: Not on label.					
Use Group: INDOOR NON-FOOD					
001757-00040	Not on label.	1 --			Not on label.
Site: ADHESIVES, INDUSTRIAL					
App. Type: Preservative treatment.					
App. Equip: Not on label.					
Use Group: INDOOR NON-FOOD					
001448-00081	Not on label.	1 --			Not on label.
001448-00101	Not on label.	1 --			Not on label.
001448-00102	Not on label.	1 --			Not on label.
Site: COATINGS, INDUSTRIAL					
App. Type: Additive.					
App. Equip: Not on label.					
Use Group: INDOOR NON-FOOD					
045017-00012	During manufacture.	1000 ppm			Not on label.
045017-00013	During manufacture.	1000 ppm			Not on label.
045017-00019	During manufacture.	1000 ppm			Not on label.
045017-00021	During manufacture.	1000 ppm			Not on label.
045017-00025	During manufacture.	1000 ppm			Not on label.
045017-00027	During manufacture.	1000 ppm			Not on label.
045017-00028	During manufacture.	1000 ppm			Not on label.
Site: COATINGS, INDUSTRIAL					
App. Type: Industrial preservative t					
App. Equip: Not on label.					
Use Group: INDOOR NON-FOOD					
001448-00034	Not on label.	400 ppm			Not on label.
001757-00040	Not on label.	1 --			Not on label.
Site: COATINGS, INDUSTRIAL					
App. Type: Preservative treatment.					
App. Equip: Not on label.					
Use Group: INDOOR NON-FOOD					
001448-00081	Not on label.	400 ppm			Not on label.
Site: EMULSIONS, RESIN/LATEX/POLYMER					
App. Type: Additive.					
App. Equip: Not on label.					
Use Group: INDOOR NON-FOOD					
002853-00043	During manufacture.	200 ppm			Not on label.
045017-00012	During manufacture.	1000 ppm			Not on label.
045017-00013	During manufacture.	1000 ppm			Not on label.
045017-00019	During manufacture.	1000 ppm			Not on label.
045017-00021	During manufacture.	1000 ppm			Not on label.
045017-00025	During manufacture.	1000 ppm			Not on label.
045017-00027	During manufacture.	1000 ppm			Not on label.
045017-00028	During manufacture.	1000 ppm			Not on label.
Site: EMULSIONS, RESIN/LATEX/POLYMER					
App. Type: Industrial preservative t					
App. Equip: Not on label.					

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LUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration Qty Unit	Max. PPM per AI
Use Group: INDOOR NON-FOOD	009386-00031	During manufacture.			
Site: EMULSIONS, RESIN/LATEX/POLYMER		200 PPM		App. Type: Preservative treatment.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	000150-00063	Not on label.			
Site: FUELS/OIL STORAGE TANK BOTTOM WATER ADDITIVE		24 fl.oz	1000 gal	App. Type: Additive.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001448-00034	Not on label.			5 by vol
Site: FUELS/OIL STORAGE TANK BOTTOM WATER ADDITIVE		6.6 fl.oz	1000 gal	App. Type: Preservative treatment.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001706-00161	Shock/slug.			
Site: FUELS/OIL STORAGE TANK BOTTOM WATER ADDITIVE		10000 gal		App. Type: Water treatment.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001706-00161	Subsequent/maintenance.			
Site: FUELS/OIL STORAGE TANK BOTTOM WATER ADDITIVE		10000 gal		App. Type: Preservative treatment.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001448-00102	Not on label.			
Site: LEATHER PROCESSING LIQUORS		1 part	4 part	App. Type: Additive.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001448-00102	Not on label.			
Site: LEATHER PROCESSING LIQUORS		1 part	4 part	App. Type: Additive.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001448-00102	Not on label.			
Site: LEATHER PROCESSING LIQUORS		1 part	4 part	App. Type: Additive.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	009386-00004	Initial.			
Site: LEATHER PROCESSING LIQUORS		2.5 lb	1000 lb	App. Type: Preservative treatment.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001448-00081	Not on label.			250 by wt
Site: LEATHER/LEATHER PRODUCTS		2.0 lb	1000 lb	App. Type: Hides and skins treatment	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001448-00081	Not on label.			
Site: LEATHER/LEATHER PRODUCTS		2.5 lb	1000 lb	App. Type: Preservative treatment.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	036531-00007	Shock/slug.			
Site: METALWORKING CUTTING FLUIDS		3 lb	1000 gal	App. Type: Industrial preservative t	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	009386-00031	Shock/slug.			
Site: METALWORKING CUTTING FLUIDS		0.4 gal	1000 gal	App. Type: Make-up fluids treatment.	App. Equip: Not on label.
Use Group: INDOOR NON-FOOD	001757-00040	Not on label.			
Site: METALWORKING CUTTING FLUIDS		1 --		App. Type: Preservative treatment.	App. Equip: Not on label.

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LUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration Qty Unit	Max. PPM per AI
Use Group: INDOOR NON-FOOD					
009386-00031	Shock/slug.	0.4 gal	1000 gal	App. Equip: Not on label.	40 by vol
002853-00043	Shock/slug.	400 Ppm			

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration Qty Unit	Max. PPM per AI
Use Group: INDOOR NON-FOOD					
000150-00063	Not on label.	1 --		App. Type: Additive.	App. Equip: Not on label.
001448-00102	Not on label.	1 --			
001448-00147	Not on label.	1 --			
001448-00148	Not on label.	1 --			
001448-00171	Not on label.	1 --			
001448-00172	Not on label.	1 --			
001448-00178	Not on label.	1 --			
001448-00179	Not on label.	1 --			
001757-00084	Not on label.	1 --			
001791-00045	Not on label.	1 --			
005700-00013	Not on label.	1 --			
007053-00030	Not on label.	1 --			
007053-00031	Not on label.	1 --			
007547-00032	Not on label.	1 --			
010332-00015	Not on label.	1 --			
010477-00016	Not on label.	1 --			
010778-00010	Not on label.	1 --			
011463-00008	Not on label.	1 --			
012487-00015	Not on label.	1 --			
014953-00008	Not on label.	1 --			
020276-00010	Not on label.	1 --			
020276-00011	Not on label.	1 --			
020375-00029	Not on label.	1 --			
032852-00010	Not on label.	1 --			
033356-00009	Not on label.	1 --			
033576-00041	Not on label.	1 --			
038532-00004	Not on label.	1 --			
038635-00005	Not on label.	1 --			
039047-00019	Not on label.	1 --			
040840-00003	Not on label.	1 --			
043959-00002	Not on label.	1 --			
044043-00009	Not on label.	1 --			

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LUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration Volume	Max. PPM Per AI
Site: OIL RECOVERY DRILLING MUDS/PACKER FLUIDS					
Use Group: INDOOR NON-FOOD					
044392-00009	Not on label.	1 --			App. Equip: Not on label.
044392-00011	Not on label.	1 --			
047033-00011	Not on label.	1 --			
047852-00005	Not on label.	1 --			
049096-00011	Not on label.	1 --			
053053-00004	Not on label.	1 --			
053431-00013	Not on label.	1 --			
054310-00006	Not on label.	1 --			
054518-00003	Not on label.	1 --			
054872-00004	Not on label.	1 --			
055710-00002	Not on label.	1 --			
055788-00002	Not on label.	1 --			
057400-00002	Not on label.	1 --			
058700-00001	Not on label.	1 --			
058772-00003	Not on label.	1 --			

Site: OIL RECOVERY DRILLING MUDS/PACKER FLUIDS					
Use Group: INDOOR NON-FOOD					
001448-00034	During manufacture.	1 --			App. Type: Industrial preservative t
048525-00010	Not on label.	500 lb	1000 bbl		App. Equip: Not on label.

Site: OIL RECOVERY DRILLING MUDS/PACKER FLUIDS					
Use Group: INDOOR NON-FOOD					
009386-00004	Initial.	1.75 lb	1 bbl		
009386-00026	Not on label.	1.75 lb	1 bbl		
048525-00002	Not on label.	500 lb	1000 bbl	00	
049677-00002	Not on label.	1 --			
056635-00001	Not on label.	5000 PPM		00	

Site: OIL RECOVERY DRILLING MUDS/PACKER FLUIDS					
Use Group: INDOOR NON-FOOD					
001448-00081	Not on label.	1 --			App. Type: Preservative treatment.
001448-00101	Not on label.	1 --			App. Equip: Not on label.
001757-00040	Not on label.	1 --			

Site: OIL RECOVERY DRILLING MUDS/PACKER FLUIDS					
Use Group: INDOOR NON-FOOD					
048525-00008	Not on label.	500 lb	1000 bbl	8.34 lb	App. Type: Water treatment.
				gal	App. Equip: Not on label.
					123381 by wt

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LUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration	Volume	Max. PPM Per AI
Use Group: INDOOR NON-FOOD						
001757-00040	Not on label.					
Site:	PAINTS, LATEX (IN-CAN)					
	1 --					
App. Type:	Preservative treatment.					Not on label.
Use Group: INDOOR NON-FOOD						
045017-00012	During manufacture.	1000 ppm				
045017-00013	During manufacture.	1000 ppm				
045017-00019	During manufacture.	1000 ppm				
045017-00021	During manufacture.	1000 ppm				
045017-00025	During manufacture.	1000 ppm				
045017-00027	During manufacture.	1000 ppm				
045017-00028	During manufacture.	1000 ppm				
Site:	PAPER/PAPER PRODUCTS					
App. Type:	Industrial preservative t					Not on label.
Use Group: INDOOR NON-FOOD						
000527-00125	Not on label.	4 lb				
001448-00081	Not on label.	4 lb				
Site:	PAPER/PAPER PRODUCTS					
App. Type:	Preservative treatment.					Applicator rolls.
Use Group: INDOOR NON-FOOD						
001448-00034	Not on label.	400 ppm				
001448-00081	Not on label.	1.5 lb				
Site:	PAPER/PAPER PRODUCTS					
App. Type:	Preservative treatment.					Not on label.
Use Group: INDOOR NON-FOOD						
000527-00125	Not on label.	4 lb				
001448-00081	Not on label.	4 lb				
Site:	PAPER/PAPER PRODUCTS					
App. Type:	Preservative treatment.					Sprayer.
Use Group: INDOOR NON-FOOD						
000527-00125	Not on label.	5 lb				
Site:	PAPER/PAPER PRODUCTS					
App. Type:	Surface treatment.					Applicator rolls.
Use Group: INDOOR NON-FOOD						
000527-00125	Not on label.	5 lb				
Site:	PAPER/PAPER PRODUCTS					
App. Type:	Surface treatment.					Sprayer.
Use Group: INDOOR NON-FOOD						
000527-00125	Not on label.	5 lb				
Site:	PAPER/PAPER PRODUCTS					
App. Type:	Tub-sizing methods.					Not on label.
Use Group: INDOOR NON-FOOD						
000527-00125	Not on label.	2 lb				
001448-00081	Not on label.	2 lb				
Site:	PAPER/PAPER PRODUCTS					
App. Type:	Wood chip treatment.					Sprayer.

LUIS (DYNAMAC - DRAFT)
Antimicrobial Aggregate Report

Reg #	App. Timing	Max. Dose Rate / App. Qty Unit	Max. Dose Diluent Qty Unit	Diluent Concentration Qty Unit	Volume	Max. PPM per AI
Use Group: INDOOR NON-FOOD						
003876-00090	Continuous feed (initial).	1.0 lb	1000 gal	8.34 lb	gal	6 by wt
Site:	PASTEURIZER/WARMER/CANNERY COOLING WATER SYSTEMS					App. Equip: Not on label.
Use Group: INDOOR NON-FOOD						
002853-00043	Continuous feed (initial).	6 cs	1000 gal	8.34 lb	gal	4 by wt
001448-00034	Continuous feed (initial).	8 fl.oz	1000 gal	8.34 lb	gal	6 by vol
Site:	PASTEURIZER/WARMER/CANNERY COOLING WATER SYSTEMS					App. Equip: Not on label.
Use Group: INDOOR NON-FOOD						
002853-00043	During manufacture.	200 ppm				
Site:	SPECIALITY INDUSTRIAL PRODUCTS					App. Type: Industrial preservative t App. Equip: Not on label.
Use Group: INDOOR NON-FOOD						
009386-00031	During manufacture.	200 ppm				
001448-00034	Not on label.	400 ppm				
Site:	SPECIALITY INDUSTRIAL PRODUCTS					App. Type: Preservative treatment. App. Equip: Not on label.
Use Group: INDOOR NON-FOOD						
001448-00081	Not on label.	400 ppm				
Site:	WET-END ADDITIVES/INDUSTRIAL PROCESSING CHEMICALS					App. Type: Additive. App. Equip: Not on label.
Use Group: INDOOR NON-FOOD						
045017-00012	During manufacture.	1000 ppm				
045017-00013	During manufacture.	1000 ppm				
045017-00019	During manufacture.	1000 ppm				
045017-00021	During manufacture.	1000 ppm				
045017-00025	During manufacture.	1000 ppm				
045017-00027	During manufacture.	1000 ppm				
045017-00028	During manufacture.	1000 ppm				
Site:	WET-END ADDITIVES/INDUSTRIAL PROCESSING CHEMICALS					App. Type: Industrial preservative t App. Equip: Not on label.

Report Finished

DP BARCODE: D155144

REREG CASE # [REDACTED]

CASE: 809226
SUBMISSION: S381274

DATA PACKAGE RECORD
BEAN SHEET

DATE: 09/04/90
Page 1 of 1

*** CASE/SUBMISSION INFORMATION ***

CASE TYPE: REREGISTRATION ACTION: PHASE 3 INITIAL SUB
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: 068102001448
COMPANY: 001448 BUCKMAN LABS INC
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 05/30/90 DUE OUT DATE: / /

*** DATA PACKAGE INFORMATION ***

DP BARCODE: 155144 EXPEDITE: N DATE SENT: 09/04/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 09/25/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : ~~EEB~~ EFED 09/10/90
BRAN: ~~EEB~~ EFED
SECT: / /
REVR : / /
CONTR: / /

*** DATA PACKAGE REVIEW INSTRUCTIONS ***

For the attached reregistration case, please identify all applicable data requirements and note those for which adequate data have not been submitted to the Agency.

*** ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION ***

DP BC	BRANCH	DATE OUT	DUE BACK	INS	CSF	LABEL
155124	EEB TOX	09/04/90	09/25/90	Y	N	N
155116	EEB	09/04/90	09/25/90	Y	N	N
155117	EEB RD	09/04/90	09/25/90	Y	N	N
155123	NDEB	09/04/90	09/25/90	Y	N	N

EFGB # 90-0847

DP BARCODE: D155129

REREG CASE # [REDACTED]

CASE: 809231
SUBMISSION: S381284

DATA PACKAGE RECORD
BEAN SHEET

DATE: 09/04/90
Page 1 of 1

*** CASE/SUBMISSION INFORMATION ***

CASE TYPE: REREGISTRATION ACTION: PHASE 3 INITIAL SUB
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: 068102002853
COMPANY: 002853 VINELAND CHEMICAL CO., INC.
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 06/01/90 DUE OUT DATE: / /

*** DATA PACKAGE INFORMATION ***

DP BARCODE: 155129 EXPEDITE: N DATE SENT: 09/04/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 09/25/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 09/10/90 REVR : / /
BRAN: ~~EFED~~ / / CONTR: / /
SECT: / /

*** DATA PACKAGE REVIEW INSTRUCTIONS ***

For the attached reregistration case, please identify all applicable data requirements and note those for which adequate data have not been submitted to the Agency.

~~THE FOLLOWING~~ ADDITIONAL DATA PACKAGE RECORDS SENT TO

EEB
TOX
~~EFED~~
NDEFB
RD

EEGWB # 90-0848

DP BARCODE: D155141

REREG CASE # ████████

CASE: 809242
SUBMISSION: S381290

DATA PACKAGE RECORD
BEAN SHEET

DATE: 09/04/90
Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: REREGISTRATION ACTION: PHASE 3 INITIAL SUB
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: 068102009386
COMPANY: 009386 VININGS INDUSTRIES INC.
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 06/01/90 DUE OUT DATE: / /

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 155141 EXPEDITE: N DATE SENT: 09/04/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 09/25/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 09/00/90 REVR : / /
BRAN: ~~EFGB~~ / / CONTR: / /
SECT: / /

* * * DATA PACKAGE REVIEW INSTRUCTIONS * * *

For the attached reregistration case, please identify all applicable data requirements and note those for which adequate data have not been submitted to the Agency.

* * * ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION * * *

DP BC	BRANCH	DATE OUT	DUE BACK	INS	CSF	LABEL
155137	RSB	09/04/90	09/25/90	Y	N	N
155138	NDEB	09/04/90	09/25/90	Y	N	N
155139	TB-HFAS	09/04/90	09/25/90	Y	N	N
155140	EEB	09/04/90	09/25/90	Y	N	N

EFGB # 90-0849

DP BARCODE: D155148

REREG CASE # ~~151~~

CASE: 809249
SUBMISSION: S381301

DATA PACKAGE RECORD
BEAN SHEET

DATE: 09/04/90
Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: REREGISTRATION ACTION: PHASE 3 INITIAL SUB
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: 068102010445
COMPANY: 010445 CALGON CORP.
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 06/01/90 DUE OUT DATE: / /

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 155148 EXPEDITE: N DATE SENT: 09/04/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 09/25/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 09/10/90 REVR : / /
BRAN: ~~EEGB~~ / / CONTR: / /
SECT: / /

* * * DATA PACKAGE REVIEW INSTRUCTIONS * * *

For the attached reregistration case, please identify all applicable data requirements and note those for which adequate data have not been submitted to the Agency.

* * * ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION * * *

DP BC	BRANCH	DATE OUT	DUE BACK	INS	CSF	LABEL
155147	EEB	09/04/90	09/25/90	Y	N	N
	TOX					
	NDEB					
	RSB					

EEGB # 90-0450

DP BARCODE: D155155

REREG CASE

CASE: 809266
SUBMISSION: S381307

DATA PACKAGE RECORD
BEAN SHEET

DATE: 09/04/90
Page 1 of 1

*** CASE/SUBMISSION INFORMATION ***

CASE TYPE: REREGISTRATION ACTION: PHASE 3 INITIAL SUB
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: 068102034688
COMPANY: 034688 AKZO CHEMICALS, INC.
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 06/01/90 DUE OUT DATE: / /

*** DATA PACKAGE INFORMATION ***

DP BARCODE: 155155 EXPEDITE: N DATE SENT: 09/04/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 09/25/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 09/10/90 REVR : / /
BRAN: [REDACTED] CONTR: / /
SECT: / /

*** DATA PACKAGE REVIEW INSTRUCTIONS ***

For the attached reregistration case, please identify all applicable data requirements and note those for which adequate data have not been submitted to the Agency.

*** ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION ***

DP BC	BRANCH	DATE OUT	DUE BACK	INS	CSF	LABEL
155154	EEB NDEB Tox RSB	09/04/90	09/25/90	Y	N	N

*LIST B
Sent 3*

*EGWB # 90-0342
thru ~~90-0613~~ 51*

DP BARCODE: D155455

REREG CASE # 2415

CASE: 816673
SUBMISSION: S381694

DATA PACKAGE RECORD
BEAN SHEET

DATE: 09/10/90
Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: REREGISTRATION ACTION: PHASE 3 INITIAL SUB
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: R068102-008622
COMPANY: 008622 AMERIBROM INC.
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 06/01/90 DUE OUT DATE: / /

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 155455 EXPEDITE: N DATE SENT: 09/10/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 10/01/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 09/11/90 REVR : / /
BRAN: [REDACTED] / / CONTR: / /
SECT: / /

* * * DATA PACKAGE REVIEW INSTRUCTIONS * * *

For the attached reregistration case, please identify all applicable data requirements and note those for which adequate data have not been submitted to the Agency.

~~THERE ARE NO ADDITIONAL DATA PACKAGE RECORDS TO~~

RB
NDEB
TAX
EEB

EFGW B # 90-0852

DP BARCODE: D155468

REREG CASE # 2415

CASE: 816674
SUBMISSION: S381698

DATA PACKAGE RECORD
BEAN SHEET

DATE: 09/10/90
Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: REREGISTRATION ACTION: PHASE 3 INITIAL SUB
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: R068102-033677
COMPANY: 033677 ALBRIGHT & WILSON, LTD.
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 05/26/90 DUE OUT DATE: / /

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 155468 EXPEDITE: N DATE SENT: 09/10/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 10/01/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 09/11/90 REVR : / /
BRAN: EFGB / / CONTR: / /
SECT: / /

* * * DATA PACKAGE REVIEW INSTRUCTIONS * * *

For the attached reregistration case, please identify all applicable data requirements and note those for which adequate data have not been submitted to the Agency.

* * * ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION * * *

DP BC	BRANCH	DATE OUT	DUE BACK	INS	CSF	LABEL
155462	NDEB	09/10/90	10/01/90	Y	N	N
155463	TB-HFAS	09/10/90	10/01/90	Y	N	N
155464	RSB	09/10/90	10/01/90	Y	N	N
155466	EEB	09/10/90	10/01/90	Y	N	N

EFGB # 90-0853

DP BARCODE: D156457

REREG CASE # 24

CASE: 816674
SUBMISSION: S383543

DATA PACKAGE RECORD
BEAN SHEET

DATE: 10/02/90
Page 1 of 1

*** CASE/SUBMISSION INFORMATION ***

CASE TYPE: REREGISTRATION ACTION: 660 GENERIC DATA REREGISTRATION
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: R068102-033677
COMPANY: 033677 ALBRIGHT & WILSON, LTD.
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 08/28/90 DUE OUT DATE: 12/26/90

*** DATA PACKAGE INFORMATION ***

DP BARCODE: 156457 EXPEDITE: N DATE SENT: 10/02/90 DATE RET.: / /
DP TYPE: 999 Miscellaneous Data Package
ADMIN DUE DATE: 12/31/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 10/10/90 REVR : / /
BRAN: ~~EFED~~ / / CONTR: / /
SECT: / /

*** DATA PACKAGE REVIEW INSTRUCTIONS ***

For this recently received data package, please attach to the already submitted Phase 3 response and include it in the review for Phase 4.

THERE ARE NO ADDITIONAL DATA PACKAGE RECORDS

LIST B

Herb

91-004E

12/31

ADD L Infr

DP BARCODE: D156452

REREG CASE # 241

CASE: 809231
SUBMISSION: S383535

DATA PACKAGE RECORD
BEAN SHEET

DATE: 10/02/90
Page 1 of 1

*** CASE/SUBMISSION INFORMATION ***

CASE TYPE: REREGISTRATION ACTION: 660 GENERIC DATA REREGISTRATION
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: 068102002853
COMPANY: 002853 VINELAND CHEMICAL CO., INC.
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST - 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 08/31/90 DUE OUT DATE: 12/29/90

*** DATA PACKAGE INFORMATION ***

DP BARCODE: 156452 EXPEDITE: N DATE SENT: 10/02/90 DATE RET.: / /
DP TYPE: 999 Miscellaneous Data Package
ADMIN DUE DATE: 12/31/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 10/10/90 REVR : / /
BRAN: / / CONTR: / /
SECT: / /

*** DATA PACKAGE REVIEW INSTRUCTIONS ***

Please attach this recently received data package to the already submitted Phase 3 response and include it in the Phase 4 review.

THERE ARE NO ADDITIONAL DATA PACKAGE RECORDS

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LIST B
Herb 12/31
91-0050
(Add L Tab)

DP BARCODE: D156472

REREG CASE # 2415

CASE: 809226
SUBMISSION: S383562

DATA PACKAGE RECORD
BEAN SHEET

DATE: 10/02/90
Page 1 of 1

*** CASE/SUBMISSION INFORMATION ***

CASE TYPE: REREGISTRATION ACTION: 660 GENERIC DATA REREGISTRATION
CHEMICAL: 068102 Methylene-bis(thiocyanate)
ID#: 068102001448
COMPANY: 001448 BUCKMAN LABS INC
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: BETTY CROMPTON 703-308-8067 ROOM: CST 4L5
RECEIVED DATE: 08/29/90 DUE OUT DATE: 12/27/90

*** DATA PACKAGE INFORMATION ***

DP BARCODE: 156472 EXPEDITE: N DATE SENT: 10/02/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 12/31/90 CSF: N LABEL: N
ASSIGNED TO DATE IN ASSIGNED TO DATE IN
DIV : EFED 10/10/90 REVR : / /
BRAN: EFGB / / CONTR: / /
SECT: / /

*** DATA PACKAGE REVIEW INSTRUCTIONS ***

For this recently received data package, please attach to the already submitted Phase 3 response and include it in the Phase 4 review.

THERE ARE NO ADDITIONAL DATA PACKAGE RECORDS

LIST B
Herb 12/31 Add 2 Inp
91-0051