

063502

1 PM

11, 13, 15, 16,
17, 21, 23, 25, 31

Reviewer:

J. Wilson

JMC

Date _____

11/3/76

Team

Names:

Mineral Oil

Mineral seal

White mineral oil

128 products

Rereg. Category

Gaps

Call-in

Date Published in FR

Date Direct Notice:

SQP's using this worksheet:

Batch	Team	Date assigned	Date Complete

11-3-76

J. Wilson

RBJ

JMC

RESULTS & COMMENTS

DATA REQUIREMENTS FOR REREGISTRATION

CITATION

SL #7

EST TYPE CONDITIONS

Data. not available

Chronic
Dial

Teratology

Oncofertility

Reproduction

Chronic Feeding

2

S #

063502

-17

PM

2/3

DATA REQUIREMENTS
FOR REREGISTRATION

Reviewer

J. Wilson

RBJ

JMC

98-99% Mineral Oil

TEST TYPE	CONDITIONS	L#	TS	CITATION	RESULTS & COMMENTS
Nonmammalian Acute Oral				Powers, M. B., 1968. Acute Oral Administration. Submitted by Esso Research and Engineering Co. Reg. No. 64498 10-13-72 (004153) Woodward Res. Corp.	Ref, 10% w/v, 5 fish/gr. - 0.464, 1.0, 2.15, 4.64, 10.0g/kg Mortality - 0.464 - 2/10 1.0 - 1/10 LD ₅₀ > 10g/kg Rough fec, excessive urination at highest level
Avian Subacute				Knoth, W. B., Woodward, G. 1968. MRO 68-11 Subacute Toxicity in Domestic Ducks. Woodward Res. Corp. Submitted by Esso Research and Engineering Co. Reg. No. 3855-2, 10-13-72 (004153)	Ducky 10/gr., 8 days (5+3) - 0, 0, 600, 1800, 3200, 5600, 10000 ppm - No mortality LC ₅₀ > 10,000 ppm
Aquatic (96 hr) LC50				Knoth, W. Woodward, G. 1968. MRO 68-11 Safety Evaluation on Bluegill Sunfish. Woodward Res. Corp. Submitted by Esso Res. and Eng. Co. Reg. No. 3855-2, 10-13-72 (004153) Flit MLO - Bioassays with Coho Salmon 1970. Canadian Dept of Fisheries and Forestry.	Bluegill, 20 fish/gr., 5 grs. - 0, 4, 19, 25, 150 ppm No mortality LC ₅₀ > 150 ppm (96 hr) Coho Salmon, 5 fish/gr. - 5.5 to 7°C 100, 400, 600, 1000, 5000 ppm Only mortality is at 5000 40% - 48 hr, 100% - 72 hr 96 hr LC ₅₀ 3800 ppm

S #

063502

PM

17

3/3

DATA REQUIREMENTS
FOR REREGISTRATION

Reviewer

J. Wilson

RBJ

JMC

98-99% Mineral Oil

N

TEST TYPE	CONDITIONS	L#	TS	CITATION	RESULTS & COMMENTS
Aquatic (96 hr) LC50				Fl.t-MLO toxicity to fathead minnow. 1968. Ontario Water Resources Comm. Submitted by Esso Res. and Eng. Corp. Ref. No. 3855-2, 10-13-72 (004153)	Fathead minnow, 20-22°C 5 fish/gr. 0, 530, 950, 1700, 2970, 5300 ppm LC50 1098 ppm (96 hr)
Invertebrate LC50				Fl.t-MLO toxicity to pink shrimp. 1969 1969. U.S.D.I., Bureau of Commercial Fisheries (Same as above)	Pink shrimp, 30°C, 78 ppm No paralysis or mortality after 48 hrs.

F

S.# 063502

KEY USES: FOOD _____ ENCLOSED WORK SP. _____

FORMULATION:

Flit MLO
Bisphenol A
Mineral Oil

INERT INGREDIENT INFORMATION IS NOT INCLUDED

0.2%
99%

TEST TYPE	TEST RESULT	TOX. CAT.	DATA CITATION	TEST DESCRIPTION & SIGNIFICANT COMMENT
Acute Oral	$LD_{50} > 10.0g/kg$		Powers, M.B. 1968. Acute toxicity of Flit MLO (MAD - 67-41). Hazleton Labs. Submitted by Esso Res. and Eng. Co. Reg. No. 644-98 10-13-72 (004153)	Rat, Tech. 99%, undiluted + 10% H ₂ O susp. - 5♂ + 5♀ / gr. - 0.464, 1.0, 2.15, 4.64, 10.0 g/kg - Mortality 0.464 - 2/kg, 1.0 - 1/10 - $LD_{50} > 10g/kg$ - Rough fur, excessive urination at highest level
Acute Dermal	$LD_{50} > 3160mg/kg$			Rabbit, undiluted, abraded and unabraded - 4 rabbits / group - 100, 316, 1000, 3160 mg/kg - No mortality, soft feces and terminal wt. loss in one or two animals at 316 and 1000 mg levels. S.L. to mol. skin irrit.
Acute Inhalation				Rat, 10♂ + 10♀, undil, 1 hr. - 200mg/L - No mortality - Rapid and irregular respiration - 1 day Nasal bleeding, lethargy, partial closure of eyes and hyperemia in ears and parts of body not covered by fur. All clear by day 5. Slight to moderate alopecia developed, eventually clear day 12.

S # 063502

PM

17

FORMULATION/JSI: - HAZARD PROFILE

FORMULATION:

KEY USES:

FOOD _____ ENCLOSED WORK SP. _____

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TEST TYPE	TEST RESULT	TOX. CAT.	DATA CITATION	TEST DESCRIPTION & SIGNIFICANT COMMENT
Eye Irritation	Slight irritation	3	Ibid.	Rabbit, 0.1 ml undiluted - 9 rabbits, 3 unwashed, 6 washed - Slight redness and discharge, All Clear in 4 days.

6

S # 063502

PM

17

FORMULATION/JSI: - HAZARD PROFILE

FORMULATION:

KEY USES:

FOOD

ENCLOSED WORK SP.

98.81% Mineral 0.1

N

TEST TYPE	TEST RESULT	TOX. CAT.	DATA CITATION	TEST DESCRIPTION & SIGNIFICANT COMMENTS
Aspiration	No mortality		Aspiration Hazard of Mineral O.I. 1964. Medical Res. Div. Esso Res. & Eng. Co. Reg. No. 2042-9(105257) 1-3-64	Ref, 100% liquid applied to trachea - Same lung involvement in both lobes apparent. Does not cause fulminating chem. pneumonitis.

S #

PM

17

FORMULATION/JSL - HAZARD PROFILE

FORMULATION:

Pyroside 170 0.25%
Piperonyl butoxide 0.30

Isospar L (mixture 0.1) 43.95

KEY USES:

FOOD

ENCLOSED WORK SP.

Masonite logging cones

INSERT INGREDIENT INFORMATION IS NOT INCLUDED

J

TEST TYPE

TEST RESULT

TOX.
CAT.

DATA CITATION

TEST DESCRIPTION & SIGNIFICANT COMMENTS

Aspiration

No mortality

Gerard, D. F. and Gerard, H. W.
1961. The aspiration hazard
and toxicity of an aerosol
preparation. Fairleigh Dickinson
University. Submitted by MCK,
Inc. Reg. No. 1021-1185
(104220) 3-1-72

Prod 1007 aerosol, spray applied to back
of mouth for 5 sec, 24 hrs. obs.
- increased lung wt. and pulmonary
hemorrhage in 2/10.
- eyes, ears, and nose appeared red and
irritated.
- head & neck for areas only.

FORMULATION/JSI - HAZARD PROFILE

PM 17

S#

FORMULATION:

Pyrethrin 12%
Piperonyl Butoxide 60%
Mineral Oil 28%

KEY USES:

Mosquito control

FOOD

ENCLOSED WORK SP.

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TEST TYPE	TEST RESULT	TOX. CAT.	DATA CITATION	TEST DESCRIPTION & SIGNIFICANT COMMENT
Acute Oral	$LD_{50} = 3720 \text{ mg/kg}$	3	Kretschmar, B. et al., 1972 Acute Oral Toxicity Study with Mosquito Adulticide Conc. Ind. Bio-test Lab. # A1395 1021-1165, 4-17-72, (050909)	Rat, undil., 4 rats/gr., 2♂+2♀ - 2025, 3038, 4556, 6834 mg/kg - Hypoactivity, muscular weakness, ruffled fur, lacrimation, Tremors, salivation, fibrillations, convulsions.

FORMULATION/JSI - HAZARD PROFILE

PM 11

S 7

FORMULATION: Linseed Oil 40.75% Perfume 2.0 Cedarwood oil 2.0 Iodine 0.25 Mineral oil 42.0 Phenol 2.0 Methyl Salicylate 2.0 Turpentine 7.0 Ethyl p-aminobenzoate 2.0		KEY USES:	FOOD	ENCLOSED WORK SP.
19215-1				
TEST TYPE	TEST RESULT	TOX. CAT.	DATA CITATION	TEST DESCRIPTION & SIGNIFICANT COMMENTS
Eye Irritation	No irritation		Eye and Skin Irritation Studies on Pidge Veterinary Medicated Oil. 1971, Applied Disinfectant Sciences Laboratory. Submitted by The Donnelly Co. Reg. No. 10487-1 (103621) 4-2-71	Rabbit, 1/group, 3 groups - Unwashed, immediate wash, 10 sec wash - No irritation Note: The oil and the ointment were tested. No reaction with either.
Skin Irritation				Rabbit, 1/group, intact and abraded - sl. irritation with ointment at 72 hrs. - No irritation with oil

FATM ALCOHOL

Page 11 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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