

2-13-70

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PESTICIDES REGULATION DIVISION
WASHINGTON, D. C. 20250

**INTERDEPARTMENTAL COORDINATION
OF**

ACTIVITIES RELATING TO PESTICIDES

*Referral of Application for Registration under the
Federal Insecticide, Fungicide, and Rodenticide Act*

1. DATE REF.

2-13-70 at of 2/20/70

2. FILE SYMBOL/REGISTRATION NO.

1016-21

3. DATE OF APPLICATION

2-6-70

4. NAME & ADDRESS OF APPLICANT OR REGISTRANT

UNION CARBIDE CORPORATION
Agricultural Products
270 Park Ave
New York, New York 10017

5. PRODUCT NAME

UNION CARBIDE SEVIN & OIL INSECTICIDE

6. COMMENTS BY COORDINATING AGENCY

The following toxicology data on 48.8% Carbaryl (1-naphthyl methylcarbamate) is transmitted to OPDS with label and formula for review and retention:

1. Special Report 32-130, Chemical Hygiene Fellowship, Mellon Institute, Carnegie-Mellon University, Stomach Intubation, rat - LD50 = 1.07 ml./kg. undiluted. Skin Penetration rabbit - LD50 = 20.0 ml./kg. undiluted. Inhalation, rat - Aerosol, of 20% dilution in base oil (M. I. #32-684), 4 hours killed 0 of 6. Uncovered Skin Application, rabbit - trace reaction, Grade 2. Eye Instillation, rabbit - trace reaction, Grade 1. Intraperitoneal Injection, rat - LD50 = 0.771 ml./kg. undiluted, dated December 3, 1969.
2. Special Report 33-8, Chemical Hygiene Fellowship, Mellon Institute, Carnegie-Mellon University, Stomach Intubation, rat - LD50 = 0.812 ml./kg., as received. Skin Penetration, rabbit - LD50 = 15.9 ml./kg. as received. Inhalation, rat - aerosol of 20% of formulation, 80% base oil 4 hours killed 0 of 6. Uncovered Skin Application, rabbit - trace irritation, Grade 2. Eye Instillation, rabbit - trace injury, Grade 1. Intraperitoneal Injection, rat - LD50 = 0.771 ml./kg. undiluted, dated January 9, 1970.

Copy of above data marked "Data Reference File" transmitted to USRI with label and formula. Copy of data must be returned.

omit the word "Prolonged" from the caution statement

omit the word "repeated" from the caution statement

7. BY (NAME)

8. DATE

9. NAME OF AGENCY

PR USE ONLY	SAFETY - FISH AND WILDLIFE		SAFETY - HUMAN		OTHER:	
	INITIALS	DATE	INITIALS	DATE	INITIALS	DATE
	COMMENTS		COMMENTS		COMMENTS	