US EPA ARCHIVE DOCUMENT

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

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MAY 14 1986

MEMORANDUM

DATE: May 14, 1986

SUBJECT: EPA Registration Number: 34913-16
Sprakil SK-26 Granular Weed Killer

FROM: ~~Deloris~~ F. Graham DFG 5/30/86
Technical Support Section
Fungicide-Herbicide Branch
Registration Division (TS-767C)

TO: Robert Taylor, PM 25
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Applicant: SSI Industries, Inc.
P.O. Box 9276
4711 Piedmont Road
Huntington, WV 25704

ACTIVE INGREDIENTS:
Tebuthiuron 2.0%
Diuron 6.0
INERT INGREDIENTS: 92.0%

BACKGROUND:

Submitted Acute Oral Toxicity Study to support oral LD_{50} on "Material Safety Data Sheet." Study conducted by Hazleton Laboratories America, Inc. Data not accessioned. Method of support not indicated.

RECOMMENDATION:

FHB/TSS finds these data acceptable to support acute oral LD_{50} on "Material Safety Data Sheet."

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REVIEW:

(1) Acute Oral Toxicity Study: Hazleton Laboratories America, Inc.; Project No. 2214-100; November 22, 1982.

PROCEDURE:

Five male and five female rats each received a single 5000 mg/kg dose of the test material orally. Observations made for 14 days postdosing. Necropsy performed on all animals.

RESULTS:

No mortalities or abnormalities at necropsy reported. Toxic signs reported included depression, rough haircoats, red stains on nose and/or eyes, and urine stains. LD_{50} reported to be greater than 5000 mg/kg.

STUDY CLASSIFICATION: Core Guideline Data.

TOXICITY CATEGORY: IV - CAUTION.

MATERIAL SAFETY DATA SHEET

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MANUFACTURER: SSI Industries, Inc.
4711 Piedmont Road
Huntington, WV 25704

EMERGENCY TELEPHONE: Phone CHEMTREC toll free day or night 1-800-424-9300
or SSI Industries, Inc. 1-304-429-1371

EFFECTIVE DATE: November 1985

PRODUCT NAME: SPRAKIL SK-26 GRANULAR WEED KILLER

EPA REGISTRATION NUMBER: 34913-16

ACTIVE INGREDIENTS:	tebuthiuron:	N-(5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl)-N,N'dimethylurea	2.00%
	diuron :	3-(3,4-dichlorophenyl)-1,1 dimethylurea	6.00%
INERT INGREDIENTS:	calcitic limestone (carrier)		90.20%
	mineral seal oil (binder)		1.80%
			100.00%

SECTION I - PHYSICAL DATA

APPEARANCE: Grayish white/light tan granular
VAPOR PRESSURE: tebuthiuron - 2×10^{-6} mm Hg at 25°C
diuron - 0.31×10^{-5} mm Hg at 50°C
SOLUABILITY IN WATER: tebuthiuron - 0.23 g/100 ml at 25°C
diuron - 42 ppmw at 25°C
SPECIFIC GRAVITY: 1.33

SECTION II - HAZARDOUS INGREDIENT(S)

tebuthiuron 2%
diuron 6%

SECTION III - TOXICOLOGY

INGESTION: Single dose LD_{50} (RATS) 5,000 mg/kg
EYE CONTACT: Essentially non-irritating. May cause mechanical injury.
SKIN CONTACT: Non-irritating. May cause mechanical injury.
INHALATION: Does not present a hazard by the inhalation route since product is granular material.

SECTION IV - FIRST AID

EYES: Flush with large amounts of water and contact a physician if irritation devel
SKIN: Wash exposed areas with soap and water. Wash contaminated clothing before re
INHALATION: If discomfort occurs, move to fresh air. If breathing difficulty occur consult medical personnel.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.
FIRE FIGHTING INFORMATION: Considered non-flammable. Do not allow water run-off from fire site to enter nearby streams, ponds or lakes.
EXTINGUISHING MEDIA: Water

SECTION VI - REACTIVITY

UNDER NORMAL CONDITIONS: Stable
CORROSIVENESS: Non-corrosive

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SECTION VII - SPILL OR LEAK PROCEDURES

SPILL OR LEAK PROCEDURES: Clean up promptly. Do not flush with water. Pick up dry by sweeping or other effective means. Return undamaged material to original container. Place damaged unusuable material in a landfill approved for pesticides in accordance with applicable regulations. If spill is near trees or other valuable plants, remove top two inches or soil after initial cleanup.

SECTION VIII - TRANSPORTATION, STORAGE AND DISPOSAL

SUGGESTED DISPOSAL METHOD: Dispose of in accordance with applicable local, state and/or federal regulations. Dispose of in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

SECTION IX - TRANSPORTATION, STORAGE AND DISPOSAL

SPECIAL PRECAUTIONS: Keep from contact with fertilizers, insecticides, fungicides and seeds. Keep out of reach of children.

SECTION X - SPECIAL PROTECTION INFORMATION

SPECIAL PROTECTION: None required.