



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

006055

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

MAY 14 1986

DATE: May 14, 1986

SUBJECT: EPA Registration Number: 34913-3  
Spray-Kil K-4

FROM: Deloris F. Graham *DFG 5/20/86*  
Technical Support Section  
Fungicide-Herbicide Branch  
Registration Division (TS-767C) *E 5/20/86*

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:

Bromacil	2.0%
Diuron	2.0%
INERT INGREDIENTS:	96.0%

BACKGROUND:

Submitted Acute Oral Toxicity Study to support oral LD<sub>50</sub> 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<sub>50</sub> on "Material Safety Data Sheet."

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REVIEW:

- (1) Acute Oral Toxicity Study: Hazleton Laboratories America, Inc.; Project No. 2214-108; November 8, 1985.

PROCEDURE:

Five male and five female rats each received a single 10,000 mg/kg dose of the test material. Observations made for 14 days posttreatment. Necropsy performed on all animals.

RESULTS:

No mortalities or abnormalities at necropsy reported. Toxic signs reported included depression, ataxia, salivation, tremors, lacrimation, rough coat, hunched, red stains on the nose and/or eyes, urine stains, and soft feces. LD<sub>50</sub> reported to be greater than 10,000 mg/kg.

STUDY CLASSIFICATION: Core Guideline Data.

TOXICITY CATEGORY: IV - CAUTION.

**MATERIAL SAFETY DATA SHEET**

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

**Mobley Chemicals, Inc.** 006055  
3800 Stone Road  
Kilgore, TX 75662

**EMERGENCY TELEPHONE:** Phone CHEMTREC toll free day or night 1-800-424-9300  
or call SSI Industries, Inc. 1-304-429-1371 or Mobley  
Chemicals, Inc. 1-214-984-0270

**EFFECTIVE DATE:** November 1985

**PRODUCT NAME:** SPRAKIL K-4 GRANULAR WEED KILLER OR WEED BLAST 4-C WEED KILLER

**EPA REGISTRATION NUMBER:** 34913-3 or 26932-1

**ACTIVE INGREDIENTS:** bromacil: 5-bromo-3-sec-butyl-6-methyluracil 2.00%  
diuron: 3-(3,4-dichlorophenyl)-1,1 dimethylurea 2.00%

**INERT INGREDIENTS:** [REDACTED]

**INERT INGREDIENT INFORMATION IS NOT INCLUDED**

100.00%

**SECTION I - PHYSICAL DATA**

**APPEARANCE:** Grayish white/light tan granular  
**VAPOR PRESSURE:** Negligible  
**SOLUBILITY IN WATER:** bromacil - 815 ppmw at 25°C  
diuron - 42 ppmw at 25°C  
**SPECIFIC GRAVITY:** 1.55

**SECTION II - HAZARDOUS INGREDIENT(S)**

bromacil 2%  
diuron 2%

**SECTION III - TOXICOLOGY**

**INGESTION:** Single dose LD<sub>50</sub> (RAT) 10,000 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 develops.  
**SKIN:** Wash exposed areas with soap and water. Wash contaminated clothing before reuse.  
**INHALATION:** If discomfort occurs, move to fresh air. If breathing difficulty occurs, 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 unusable 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 of soil after initial cleanup.

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#### 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.

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#### SECTION IX - TRANSPORTATION, STORAGE AND DISPOSAL

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

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#### SECTION X - SPECIAL PROTECTION INFORMATION

SPECIAL PROTECTION: None required.

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