US EPA ARCHIVE DOCUMENT

RD-689
TOX-6055

006055

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

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

MAY 14 1986

DATE: May 14, 1986

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

FROM: Deloris F. Graham DFG 5/20/86
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:
1,1 Bromacil 2.0%
4,1 Diuron 2.0%
INERT INGREDIENTS: 96.0%

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."

174

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_{50} reported to be greater than 10,000 mg/kg.

STUDY CLASSIFICATION: Core Guideline Data.

TOXICITY CATEGORY: IV - CAUTION.

MATERIAL SAFETY DATA SHEET

006055

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

Mobley Chemicals, Inc.
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-G 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:	calcitic limestone (carrier)		94.80%
	mineral seal oil (binder)		1.20%
			100.00%

SECTION I - PHYSICAL DATA

APPEARANCE: Grayish white/light tan granular
VAPOR PRESSURE: Negligible
SOLUABILITY 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_{50} (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 know.
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

3

SECTION VI - REACTIVITY

UNDER NORMAL CONDITIONS: Stable
CORROSIVENESS: Non-corrosive

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.