

**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

NAME: **SELECT-KILL** PRODUCT CODE: **5074**  
 SELECTIVE POST EMERGENT LIQUID VEGETATION KILLER.  
 DISTRIBUTED BY: Superco Specialty Products, 25041 Anza Dr., Valencia, CA 91355  
 (661)775-8877 FAX: (661)775-8884

**II. COMPOSITION / INFORMATION ON INGREDIENTS**

MATERIAL	CAS#	OSHA PEL	ACGIH TLV	OTHER	%(optional)
Monosodium Acid Methanearsonate	(2163-80-6)	N/E	0.5mg/m3	N/A	34.8

**III. HAZARDS IDENTIFICATION**

\*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*

HEALTH: Avoid contact with skin or eyes open cuts or sores.  
 ENVIRONMENTAL: Do not store near seeds, fertilizers, insecticides or fungicides. Do not contaminate waters used for consumption or irrigation.  
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**POTENTIAL HEALTH EFFECTS**

PRIMARY ROUTE(S) OF ENTRY - Ingestion, skin absorption and eye contact.  
 EYE CONTACT: Slightly irritating.  
 SKIN CONTACT: Slightly irritating. Not a sensitizer.  
 DERMAL ABSORPTION: Slightly irritating. Causes garlic odor of breath and skin.  
 INGESTION : Burning of throat. May cause irritation of stomach.  
 INHALATION : Slightly toxic. Vapors may cause headache and stupor.

**IV. FIRST AID MEASURES**

EYES: - Immediately rinse eyes with a large amount of running water. Hold eyelids apart to rinse the entire surface of the eye and lids. Do not apply any medicating agents except on the advice of a physician. Contact a physician if irritation persists.  
 SKIN:- Remove contaminated clothing. Wash skin with soap and water including hair and under fingernails. Do not apply any medicating agents except on the advice of a physician. Contact a physician if irritation persists.  
 INGESTION: - Contact a physician or Poison Control Center immediately. INDUCE VOMITING if victim is conscious and alert. Do not give anything by mouth to an unconscious person.  
 INHALATION: - Remove affected person to fresh air. Apply artificial respiration if indicated. Consult medical personnel .

**V. FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES: FLASH POINT: Non-Combustible  
 EXTINGUISHING MEDIA - CO2, Dry Chemicals.  
 FIRE FIGHTING INSTRUCTIONS - Self contained breathing apparatus in confined areas. Stay upwind.

**VI. ACCIDENTAL RELEASE MEASURES**

Mop up spills and place in original container. Do not allow wash water to contaminate water supplies. Keep children and animals from spill area until decontaminated. Assure protective clothing is worn.

**VII. HANDLING AND STORAGE**

HANDLING PRECAUTIONS: . Store material in a well ventilated area away from food or feedstuffs, seeds, fertilizers, insecticides, or fungicides. Keep livestock and other animals off treated areas.  
 WORK/HYGIENIC PRACTICES: Wash thoroughly after handling and before eating or smoking. Do not wear contaminated clothing or shoes. Use good personal hygiene practice. Wash contaminated clothing with soap and hot water before reuse.

**VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

EYE/ FACE PROTECTION: Safety Glasses or Goggles  
 SKIN PROTECTION: Rubber or impervious gloves , footwear, long-sleeved shirt, and wide brimmed hat.  
 RESPIRATORY PROTECTION: None required under normal conditions. Wear a MSHA/NIOSH approved pesticide respirator if there is a risk of exposure to spray mist or dust.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Clear amber liquid ODOR: Mild  
 BASIC PHYSICAL PROPERTIES:  
 VAPOR PRESSURE: 15mm Hg VAPOR DENSITY: 0.6 SPECIFIC GRAVITY: 1.3 LBS / GAL: 10.8  
 EVAPORATION RATE: N/A SOLUBILITY: Infinite in Water BOILING POINT: 220°F

**X. STABILITY AND REACTIVITY**

STABILITY: Stable  
 HAZARDOUS POLYMERIZATION: Will Not Occur  
 INCOMPATIBLE MATERIALS: Do not store or use in aluminum equipment. Heavy metal salts may precipitate compound  
 HAZARDOUS DECOMPOSITION PRODUCTS: Reducing agents may release arsine gas.

**XI. TOXICOLOGICAL INFORMATION**

EYE EFFECTS: May be irritating SKIN EFFECTS: Normally not irritating. Not a sensitizer.  
 ACUTE ORAL EFFECTS: LD50 in rats is 700 mg/kg.  
 ACUTE INHALATION EFFECTS: N/A  
 ACUTE DERMAL ABSORPTION: LD50 in rabbits = 2,500 mg/kg.  
 CHRONIC (CANCER INFORMATION): CARCINOGENICITY: NTP: No IARC: No OSHA: No

## **XII. ECOLOGICAL INFORMATION**

Do not contaminate water used for irrigation or domestic purposes. Do not apply when weather conditions favor drift from areas treated. Not for use on turf being grown for sale or other commercial use as sod or for commercial seed production or for research purposes.

## **XIII. DISPOSAL CONSIDERATIONS**

Do not contaminate waterways by cleaning of equipment or by disposal of wastes. Untreated effluent should not be discharged where it will drain into lakes, streams, or ponds. Discarded product is not a hazardous waste under RCRA, 40 CFR 261. Disposal should be in accordance with local, state or national legislation. Empty container retains product residue. Observe all hazard precautions. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

## **XIV. TRANSPORTATION INFORMATION**

PROPER SHIPPING NAME: Compounds tree or weedkilling, liquid      NMFC: 50320      LTL CLASS: 60  
HAZARD CLASS: None      DOT IDENTIFICATION NUMBER: None      DOT SHIPPING LABEL: None      RQ: None  
NOTE: This product is not DOT regulated.

## **XV. REGULATORY INFORMATION**

SARA TITLE III NOTIFICATIONS AND INFORMATION: This product is not subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

## **XVI. OTHER INFORMATION**

HMIS Ratings:      Health - 3 High      Fire - 0 Least      Reactivity - 0 Least      Personal Protection -B

## **XVII. APPENDIX**

MATERIAL SAFETY DATA SHEET PREPARED BY: REGULATORY DEPARTMENT  
DATE PREPARED: FEBRUARY 19, 2006      SUPERSEDES: June 28, 1989  
EMERGENCY PHONE NUMBER: 661-775-8877

### ABBREVIATIONS

N/E      Not Established  
N/A      Not Available