

WIPE OUT

SECTION I

HARVARD CHEMICAL RESEARCH

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Date: 10/19/05

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HEALTH	2	0=Least
FLAMMABILITY	2	1=Slight
REACTIVITY	2	2=Moderate
		3=High
		4=Extreme

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	%	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
Bromacil		0.98%		N/A		
2,4-Dichlorophenoxyacetic acid, isooctyl ester	94-75-7	1.09%		N/A		
Petroleum distillates		98.83%				

EPA REG. NO. 8123-29-61524

DOT HAZARDOUS MATERIALS DESCRIPTION: COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM DISTILLATE)

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning Community Right-To-Know Act of 1986 and of CFR372: CAS #94-75-7 / Chemical Name: 2,4 (Acetic acid, (2,4-dichlorophenoxy)-)

NOTE: AN "*" UNDER "SK" (SKIN) INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT.

SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 350-500° F

Vapor Pressure (mm Hg): 0.3 mm Hg

Vapor Density (Air=1): < 1

Solubility in Water: Negligible

Appearance and odor: Tan to Brown liquid with petroleum odor.

Specific Gravity (H2O=1): 0.85-0.90

Melting Point: N/A

Evaporation Rate:(Butyl Acetate=1) >1

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):150°F (TCC) Flammable Limits:LEL: 1.0 UEL: 7.0

Extinguishing Media: Use media approved for Class B fires (dry chemical, carbon dioxide, halogenated agents, foam, steam) and water fog.

Special Fire Fighting Procedures: A straight water stream may spread the fire, however a water stream form as far a distance as possible may be used to cool container involved in a fire. Use adequate protective equipment when fighting fire, including self -containing breathing apparatus. Do not inhale smoke, fumes, vapors or combustion products.

Explosion Hazards: Vapors are heavier than air and may travel a considerable distance from ignition source and then flashback. Containers involved in a fire may become hot enough to rupture and/or explode. Avoid contact with material leaking from drums. Combustible liquid; keep away from ignition sources. Avoid dense accumulation of vapors.

SECTION V-REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids or ases, selected amines.

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, hydrogen chloride, and nitrogen-containing gases upon thermal decomposition.

Hazardous Polymerization: Will not occur.

SECTION VI-HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? YesSKIN? YesINGESTION? No

HEALTH HAZARDS (Acute and Chronic): Eye irritant. Skin irritant. Possible causes of dermatitis. Spray mista are irritating to the respiratory tract. harmful or fatal if swallowed. Repeated and excessive contact may lead to central nervous system depression, nausea, vomiting and internal organ damage.

CARCINOGENICITY:NTP? No IARC Monographs? No OSHA Regulated? No

SIGNS AND SYMPTOMS OF EXPOSURE: Eye irritation and possible burning. Skin irritation, burning, dermatitis. Irritating to nose and throat (vapors). Illness or death if ingested. Aspiration into the lungs causes pneumonia.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Bronchial conditions. Skin irritation and dermatitis. Eye irritation.

EMERGENCY AND FIRST AID PROCEDURES: EYES -- Flush eyes with copious amounts of water for at least 15 minutes, seek physician. SKIN -- Wash well with soap and water. Seek physician for irritation. INHALATION -- Remove from contaminated area to fresh air, artificial respiration if necessary. Seek physician if necessary. INGESTION -- Do NOT induce vomiting. Seek physician immediately.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove ignition sources. Ventilate the area. Wear appropriate protective clothing. Stop the leak if possible. Keep the spill from causing environmental contamination. Dike the area if necessary. Collect spilled material by vacuuming or collecting with an absorbent. Clean away residues with soap and water. Do not allow spill or rinsings to enter sewers, waterways, or water systems. Product is toxic to fish and wildlife.

WASTE DISPOSAL METHODS: According to all applicable environmental and pollution standards. Avoid all pollution and environmental contamination. Dispose of empty container as label specifies and follow all RCRA regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep out of the reach of children. Keep container closed when not in use. Follow all label cautions and directions. Use only as specified on the label. Store in a cool dry area, away from ignition sources. Store only in original, labeled container. Do not reuse empty containers. Avoid all skin and eye contact. Do not breathe spray mists. Contaminated clothing must be removed and washed before reuse. Do not store near food, feed, fertilizers, seeds, insecticides, or fungicides. Handle leaking containers with appropriate protective equipment. Use good housekeeping and normal safety precautions as with any combustible liquid and pesticide. Do not contaminate waterways by cleaning of equipment. Store above 40 F to avoid product separation. Apply only in areas specified on the label. Do not allow contact with desirable vegetation.

SECTION VIII-CONTROL MEASURES

RESPIRATORY PROTECTIONS(Specify Type): To avoid breathing spray mists

VENTILATION:LOCAL EXHAUST: Fresh air

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: To avoid wetting skin and clothes

WORK/HYGENIC PRACTICES: Do not eat, smoke, or drink when using this product. Wash hands thoroughly after using this product.

SECTION IX-ADDITIONAL INFORMATION

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