

Material Safety Data Sheet

Effective Date: 30-JAN-2007  
Product: Sinkerball

I. IDENTIFICATION

Chemical Name: 2,4-D Acid  
Chemical Family: Phenoxy Herbicides  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: 94-75-7 (2,4-D Acid)  
EPA Number: 5905-549

II. PHYSICAL DATA

Boiling Point: Not determined  
Freezing Point: Not determined  
Spec Gravity: 1.095 gms/cc  
Vapor Pressure: Not determined  
Vapor Density: Not determined  
Solubility: Emulsifiable  
Volatiles: Not determined  
Evaporation: Not determined  
Melting Point: Not applicable  
Appearance: Amber liquid with phenoxy odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
2,4-D Acid	94-75-7	20.00	N/E	Skin, eye & respiratory irritant.
Polyoxypropylene-polyoxyethylene glycol		80.00	N/E	Skin, eye & respiratory irritant.

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F.  
Autoignition Temp: Not determined  
Flammable Limit: Not determined  
Extinguishing Media: Use foam, water spray, carbon dioxide or dry chemical extinguishing agents.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing. Contain and dispose of fire control water later.  
Fire and Expl Hazard: Under fire conditions, toxic and corrosive fumes may be emitted.

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V. HEALTH HAZARD  
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Carcinogen Information: Not listed.

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: Harmful if ingested. Symptoms of overexposure include nausea, vomiting and headache.  
Skin Absorption: May be harmful with skin contact.  
Inhalation: Inhalation of spray mists or vapors may be irritating to the respiratory system.  
Skin contact: May cause skin irritation with prolonged or repeated contact.  
Eye Contact: May cause serious eye injury with contact. Corneal opacity and irreversible eye damage may occur. Eye irritation may occur after contact with vapors or mists.  
Chronic Effects: Prolonged and repeated contact may cause central nervous system, liver, kidney, skeletal and muscular damage.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: Give 2 to 3 glasses of water to drink. Do not induce vomiting unless instructed to do so by a physician or poison control center. Seek medical attention immediately. To prevent aspiration, lay on side with head lower than waist.  
Skin: Immediately wash affected area with soap and water. Seek medical attention if irritation develops or persists.  
Inhalation: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing, administer CPR. Seek immediate medical attention.  
Eyes: Flush eyes with water for at least 15 minutes, holding eyelids open. Seek immediate medical attention, preferably an ophthalmologist.  
Notes to Physician: There is no specific antidote for this product. All treatment should be directed at control of the symptoms and the clinical condition of the patient. This product contains a phenoxy herbicide. Myotoxic effects may include muscle fibrillations, myotonia and muscular weakness. Ingestion of massive doses may result in persistent fall of blood

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pressure. Myoglobin and hemoglobin may be found in urine. Elevations of lactate dehydrogenase (LDH), GOT, SGPT and aldolase indicate the extent of muscle damage. If large amounts have been ingested, evacuate the stomach by gastric intubation with the aid of a cuffed endotracheal tube to prevent exposure of the esophagus.

VI. REACTIVITY

Stability: Stable  
Conditions to Avoid: Extreme heat, open flames, sparks or static electricity.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: Avoid contact with strong oxidizing agents.  
Hazardous Combustion: May emit hydrogen chloride and oxides of carbon under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain spill using an absorbent or impervious materials, such as clay, sand or earth. Collect and place in suitable containers for proper disposal.  
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use NIOSH-approved equipment based on actual or potential airborne concentrations.  
Ventilation: Local exhaust (mechanical) normally sufficient.  
Gloves: Impervious.  
Eyes: Splashproof goggles.  
Other: Eyewash station, emergency shower, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or

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consumed by humans or animals. Do not  
contaminate water supplies, lakes, streams or  
ponds. Do not breathe vapors and mists. Avoid  
direct contact with material.

Other precaution: Store in an area away from ignition sources.

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X. SHIPPING INFORMATION  
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Shipping name: Not regulated by DOT or IATA in containers less  
than 54 gallons.

Hazard Class: None

Identification No: None

Labels Required: None required

Placarding: None

Freight Class: Compound, Weed Killing, Liquid (2,4-D), N.O.I.  
(NMFC Item 50320, Class 60)

Chemical Name	Equivalent R.Q.
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2,4-D	100 lbs.
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TRANSPORTATION NOTE:

If container >= 54 gallons, ship as:

RQ, Environmentally Hazardous Substances, Liquid, n.o.s. (2,4-D Acid), 9,  
UN3082, PG III "ERG # 171"

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XI. GENERAL PRODUCT INFORMATION  
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National Fire Protection Association Rating:

(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2

Fire: 1

Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y  
Sudden Release of pressure: N  
Reactive: N

Delayed (Chronic) Health: N  
Fire: N

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Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017  
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