

MATERIAL SAFETY DATA SHEET

CORNBELT SALVAN

Van Diest Supply Company
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FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT
1-800-424-9300

PRODUCT IDENTIFICATION

Common Name: Cornbelt Salvan
EPA Reg. No.: 11773-16

INGREDIENTS

		<u>OSHA PEL</u>	<u>TLV (ACGIH)</u>
2,4-Dichlorophenoxyacetic Acid,	81.8%	N/A	10 mg/m ³
2-Ethylhexyl Ester			
Inert Ingredients	18.2%		

NATIONAL FIRE PROTECTION STANDARDS (NFPA 704)

(4=Extreme; 3=High; 2=Moderate; 1=Slight; 0=Insignificant)

Health - 2

Fire - 2

Reactivity - 0

HAZARDOUS CHEMICALS UNDER OSHA HAZARD COMMUNICATION STANDARD

Hazard Summary (As Defined by OSHA Hazard Comm. Standard, 29CFR 1910.1200):

Physical Hazards: Combustible liquid

Health Hazards: Harmful if swallowed or absorbed through the skin. Causes eye irritation.

Read the entire MSDS for a more thorough evaluation of the hazards.

PRECAUTIONARY MEASURES

Storage: Keep container tightly closed when not in use. This product may be stored in an unheated building. Do not store near water, food or feed.

Ventilation: General ventilation is adequate under normal conditions.

Protective Clothing: Use chemical goggles and non-permeable gloves and apron when handling product.

Eye Protection: Chemical goggles or face shield.

Respiratory Protection: None necessary under normal conditions. If respiratory protection is utilized, use MSHA/NIOSH approved respirator for organic vapors.

HEALTH HAZARDS AND FIRST AID

Inhalation: Mists or vapors may cause slight nose and throat irritation.

First Aid: Remove to fresh air. If symptoms persist, seek prompt medical attention.

Skin Contact: May cause irritation.

First Aid: Prolonged exposure may cause skin irritation, even a burn. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The LD₅₀ for skin absorption in rabbits is >2,000 mg/kg. May cause moderate irritation. Treat as any contact dermatitis. If burn is present, treat as any thermal burn.

Eye Contact: Slightly irritating.

First Aid: Irrigation of the eye immediately with water for fifteen minutes is good safety practice. May cause mild irritation. Stain for evidence of corneal injury.

Ingestion: Moderate to low single dose oral toxicity. LD₅₀ rat in range of 500 to 2,000 mg/kg. May be harmful if swallowed.

First Aid: If swallowed, DO NOT induce vomiting unless instructed to do so by a doctor. Get medical attention. Contains petroleum distillate. Note to Physician: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagosopic control. Never give anything by mouth to an unconscious person.

Skin Absorption: Repeated skin exposure may result in absorption of harmful amounts.

Systemic & Other Effects: In animals, effects have been reported on the gastrointestinal tract, kidney, liver, and muscular system. Observations in animals include gastrointestinal effects.

Cancer Information: Did not cause cancer in laboratory animals. Various animal cancer tests have shown no reliable positive association between 2,4-D exposure and cancer. Epidemiology studies on herbicide use have been both positive and negative, with the majority being negative.

Teratology: Birth defects are unlikely. Excessive dietary levels of 2,4-D acid in laboratory animals have caused decreased weight and survival in offspring.

NOTE TO PHYSICIAN

Eyes: None

Skin: None

Respiratory: May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagosopic control.

Oral: Do not induce vomiting

Systemic: None

FIRE PROTECTION INFORMATION

Flash Point (and Method): 188°F (closed cup)

Auto Ignition Temperature: Not Determined

Flammable Limits: Not Determined

Extinguishing Media: Water fog, foam, carbon dioxide, dry chemical

Fire Fighting Equipment and Hazards: Use positive-pressure breathing apparatus. Noxious fumes created under fire conditions. Contain water from fire fighting to prevent entry to water supplies.

PHYSICAL DATA

Boiling Point: Not Determined

Vapor Pressure: Not Determined

Vapor Density (Air=2): Not Determined

Solubility in Water: Soluble

Specific Gravity: 1.103

% Volatile by Volume: Not Determined

Appearance and Odor: Brown liquid with 2,4-D odor

REACTIVITY DATA

Stability: Product is stable

Incompatibility: Acid, base, oxidizing material

Hazardous Decomposition Products: Noxious fumes under fire conditions. Hydrogen chloride and others.

Hazardous Polymerization: Will Not Occur

HANDLING AND STORAGE

Handling: Keep out of reach of children, unauthorized persons, and animals. Harmful if swallowed or absorbed through skin. May cause allergic skin reaction. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or spray mist. Users should wash hands before eating, smoking, drinking, or using the toilet.

Storage: Keep container tightly closed when not in use. See product label for handling/storage precautions relative to the end use of this product.

SPILL, LEAK & DISPOSAL INFORMATION

Steps To Be Taken in Case Material is Released or Spilled:

Contain spill and use absorbents to clean up liquid. If contaminated soil is present, place soil in drums for disposal.

Disposal Method: Wastes may be considered hazardous. Dispose of wastes in accordance with federal, state and local regulations. Triple rinse containers prior to disposal.

DOT INFORMATION

For Containers with Less than 100 Pounds of 2,4-D:

Proper Shipping Name: *Compounds, Tree or Weed Killing, Liquid, N.O.I.*

For All Other Containers:

Proper Shipping Name: *RQ, Environmentally Hazardous Substance, Liquid, N.O.S.
(Contains 2,4-D Ester), 9, UN3082, PGIII, ERG#31*

Hazard Class: 9

Packing Group: III

Label: Non-Bulk -- Class 9

Bulk -- Class 9 Placard with UN3082

SARA HAZARD NOTIFICATION/REPORTING

Product Description: Mixture; Liquid

Contains 2,4-Dichlorophenoxyacetic Acid, 2-Ethylhexyl Ester (Cas # 1928-43-4)

Physical & Health Hazard Categories, 40CFR Part 370:

Immediate (Acute)

Delayed (Chronic)

Fire

Reportable Quantity: 121 lbs.

ADDITIONAL INFORMATION

Prepared By: Van Diest Supply Co.

Date Prepared: 11-22-91

Date Revised: 8-2007

The information, data and recommendations in this material safety data sheet relate only to the specific material designated herein and do not relate to use in combination with any other material or in any process. The information, data, and recommendations set forth herein are believed by Van Diest Supply Co. to be accurate. Van Diest Supply Co. makes no warranties, either expressed or implied, with respect thereto and assumes no liability in connection with any use of such information, data and recommendations.

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