

RIVERDALE CHEMICAL CO -- 2,4-D L V 4 ESTER,WEEDAR 64 HERBICIDE,D 139 R --  
6840-00-577-4194

===== Product Identification =====

Product ID:2,4-D L V 4 ESTER,WEEDAR 64 HERBICIDE,D 139 R

MSDS Date:08/29/1997

FSC:6840

NIIN:00-577-4194

MSDS Number: CGXBQ

=== Responsible Party ===

Company Name:RIVERDALE CHEMICAL CO

Address:220 E 17TH ST

City:CHICAGO HEIGHTS

State:IL

ZIP:60411-3602

Country:US

Info Phone

Num:312-756-2010

Emergency Phone Num:312-756-2010

CAGE:1E922

=== Contractor Identification ===

Company Name:RIVERDALE CHEMICAL COMPANY

Address:425 WEST 194TH STREET

Box:City:GLENWOOD

State:IL

ZIP:60425

Country:US

Phone:1-800-345-3330

CAGE:1E922

Company Name:TIMBERLAND ENTERPRISES INC

Address:140 ARKANSAS ST

Box:557

City:MONTICELLO

State:AR

ZIP:71655

Country:US

Phone:501-367-8561

CAGE:1HB45

===== Composition/Information on Ingredients =====

Ingred Name:ISOOCTYL(2-ETHYLHEXYL)ES

TER OF 2,4-DICHLOROPHENOXYACETIC  
ACID

CAS:1928-43-4

Fraction by Wt: 67.20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3(2,4-D A)MFR

Ingred Name:KEROSENE AND EMULSIFIER/ALIPHATIC PETROLEUM SOLVENT

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 32.80%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL) 1250 MG/KG

Routes of Entry: Inhalation:YES

Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,

RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE SLIGHT EYE/SKIN

IRRITATION. CAN BE ABSORBED THROUGH SKIN. EXCESSIVE INHALATION MAY

CAUSE RESPIRATORY IRRITATION & CNS EFFECTS. I NGESTION CAN BE

FATAL. MAY CAUSE MUSCLEWEAKNESS, FALL IN BLOOD PRESSURE. CHRONIC-

LIVER, KIDNEY, GI/MUSCLE EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overex

posure:IRRITATION, NAUSEA, HEADACHE, VOMITING,

DIARRHEA, TEARING, DIFFICULT BREATHING, DIZZINESS, UNCONSCIOUSNESS,

DROWSINESS, DRY SKIN, BLURRED VISION, MUSCLE WEAKNESS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY

FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

===== First Aid Measures =====

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST.

INHALED:MOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH

WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP &

WATER. ORAL :DO NOT INDUCE VOMITING. SEEK PROMPT MEDICAL ATTENTION.

IF CONSCIOUS, DRINK LARGE AMOUNT OF MILK, EGG WHITES, GELATIN

SOLUTION OR WATER. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS

PERSON.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:152F,67C

Exti

Extinguishing Media: SMALL FIRE: DRY CHEMICAL, CARBON DIOXIDE. LARGE FIRE: FOAM, WATER FOG. COOL FIRE-EXPOSED CONTAINER WITH WATER SPRAY.  
Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. ANY WATER USED SHOULD BE CONTAINED TO PREVENT PUBLIC WATER SYSTEM CONTAMINATION.  
Unusual Fire/Explosion Hazard: COMBUSTIBLE. WHEN HEATED ABOVE FLASH POINT, WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN IN OPEN/BE EXPOSED TO IGNITION SOURCE.

===== Accidental Release Measures =====

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. RECOVER FREE PRODUCT. ADD NON-FLAMMABLE ABSORBENT MATERIAL SUCH AS SAND, EARTH TO SPILL. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS.

Neutralizing Agent: NOT RELEVANT

===== Handling and Storage =====

Handling and Storage

Precautions: STORE AWAY FROM HEAT, SOURCES OF IGNITION & INCOMPATIBLES. KEEP AWAY FROM FOOD OR FEED. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions: EMPTY CONTAINERS RETAIN RESIDUE. FOLLOW LABEL INSTRUCTIONS. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. DO NOT INGEST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: WEAR A NIOSH-APPROVED PESTICIDE RESPIRATOR WHEN EXPOSED TO MIST.

Ventilation: USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves: NITRILES, PVC

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND

BEFORE EATING OR  
DRINKING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>400F,>204C

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Vapor Pres: