

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME: **DIURON 4L**
CHEMICAL NAME: 3-(3,4-Dichlorophenyl)-1,1-Dimethylurea (Diuron)
CHEMICAL FAMILY: Substituted Urea
EPA REG. NO.: 19713-36
SIGNAL WORD: CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Diuron	330-54-1	40.0	10 mg/m ³	H
Inerts	N/A	60.0	N/A	NH

SECTION III – PHYSICAL DATA

Boiling Point: >212°F Specific Gravity: 1.20 gms/cc
Vapor Pressure: Negligible % Volatiles: N/A
Vapor Density: N/A Solubility in Water: Dispersible
pH: 6-8 Appearance/Odor: White to tan liquid, slight odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point: Non-Combustible
Extinguishing Media: Dry chemical, CO₂, foam or water spray
Fire Fighting Procedures: Fight fire from upwind. Assure self-contained breathing apparatus is worn. Prevent runoff if possible.

SECTION V – REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Extreme temperatures
Incompatibility: N.K.
Hazardous Decomposition Products: Toxic oxides of nitrogen and carbon
Hazardous Polymerization: N.K.

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity: N/A
Toxicity Data: Oral LD50 (Rat) = 1,017 mg/kg
Dermal LD50 (Rabbit) = >2,000 mg/kg
TLV: 10 mg/m³
N.F.P.A.: Health: 2, Fire: 1, Reactivity: 0
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure: May irritate eyes, nose, throat and skin. Avoid ingestion.

SECTION VII – EMERGENCY PROCEDURES

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Clean up promptly. Do not flush with water, pick up with absorbent or other effective means. Assure protective equipment is worn.

Waste Disposal Method
Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection: A NIOSH-approved particulate filtering respirator equipped with any N, R, or P class filter media. The respirator should have a NIOSH approval number prefix TC-84A.

Ventilation: Generally recommended in confined areas.

Protective Gloves: Chemical-resistant

Eye Protection: Chemgoggles

Other: Long-sleeved shirt and long pants.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Do not store near open flame. Keep away from foodstuffs.

D.O.T. Description: 30 gallon, 55 gallon and Bulk – UN-3082, Environmentally Hazardous substance, Liquid, N.O.S., (Diuron), 9, PG-III, RQ 100 lbs.

NOTE: Containers >25 gal. Regulated

Freight Description: Agricultural Herbicide, Liquid, N.O.S.

Reportable Quantity: 100 Lbs

E.R.G. Guide Sheet: 171

CALIFORNIA PROP 65 STATUS: Listed

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