

# MATERIAL SAFETY DATA SHEET

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## SECTION I – GENERAL INFORMATION

TRADE NAME **DIURON 80 HERBICIDE**  
CHEMICAL NAME 3-(3,4-Dichlorophenyl)-1,1-Dimethylurea (Diuron)  
CHEMICAL FAMILY Substituted Urea, Halogen Compound, Aromatic  
EPA REG. NO. 19713-274  
SIGNAL WORD CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Diuron	330-54-1	80	10mg/m3	H
Inerts	N/A	20	N/A	NH

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	N/A	<u>Specific Gravity</u>	30 lbs/cu ft.
<u>Vapor Pressure</u>	Negligible	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Dispersible
<u>pH</u>	6-8	<u>Appearance/Odor</u>	Brown granules, odorless

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point N/A  
Extinguishing Media Dry chemical, CO<sub>2</sub>, foam or water spray  
Fire Fighting Procedures Wear self-contained breathing apparatus. Use water spray. If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the contamination hazard.

## SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Acids and alkalis
Hazardous Decomposition Products	Toxic oxides of nitrogen and carbon
Hazardous Polymerization	Will not occur

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity N/A  
Toxicity Data Dermal LD<sub>50</sub> (Rabbit) = >2,000 mg/kg (Tech)  
Oral LD<sub>50</sub> (Rat) = 2,900 mg/kg (Tech)  
TLV 10 mg/m<sup>3</sup>  
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.

## 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 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.

**If Inhaled:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

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.

## 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 dry by sweeping or other effective means. Avoid breathing dust. Assure protective clothing is worn. Prevent runoff if possible.

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

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Normally none recommended
Ventilation	General recommended
Protective Gloves	Waterproof gloves
Eye Protection	Chemical goggles
Other	Long-sleeved shirt and long pants, shoes plus socks

## SECTION X – SPECIAL PRECAUTIONS

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

Handling (Personnel): Avoid breathing vapors or mist. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

Users Should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Storage: Store in a well-ventilated place. Keep container tightly closed. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Solid, N.O.S.
Reportable Quantity	100 Lbs.
E.R.G. Guide Sheet	171

**ATTENTION:** This product contains a chemical known to the State of California to cause cancer.

The information presented herein for consideration, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, or guaranty is expressed or implied regarding the accuracy or reliability of such information and we shall not be liable for any loss or consequential damages arising out of the use thereof.

Date Prepared: 7/9/03