



PC00020

SCHOOLS

215 S.E. 8th Ave.
LSBORD, OR 97123

MATERIAL SAFETY DATA SHEET

CM 0196



Drexel Chemical Company

Material Safety Data Sheet

SECTION I	
MANUFACTURER'S NAME	REGULAR TELEPHONE NO./EMERGENCY NO.
DREXEL CHEMICAL COMPANY	901/774-4370 / Chemtrec 800/424-9300
ADDRESS	
P. O. Box 9306/2487 Pennsylvania Street, Memphis, Tennessee 38109	
CHEMICAL NAME AND SYNONYMS	
3-(3,4-dichlorophenyl)-1,1-dimethylurea (Diuron)	
TRADE NAME AND SYNONYMS	
Diuron 4L Herbicide ^s	
CHEMICAL FAMILY	
Substituted Urea	
FORMULA	
$C_6H_3Cl_2NHCON(CH_3)_2$	

SECTION II - FORMULATION INGREDIENTS

ACTIVE HAZARDOUS INGREDIENTS	%	TLV (Units)
Diuron Tech, Listed by OSHA, CAS# 330541	40.0	Tech 10mg/m ³
SOLVENTS		
NON-HAZARDOUS INGREDIENTS	%	TLV (Units)
Inert Ingredients	60	N/A

DATE REVISED 10/10/85

BY SAFETY MANAGEMENT

Tom Brown

SECTION III - PHYSICAL DATA	
BOILING POINT (°F)	SPECIFIC GRAVITY (H ₂ O = 1)
N/A	10.0#/gl
VAPOR PRESSURE (mm Hg.)	PERCENT. VOLATILE BY VOLUME (%)
Negligible	N/A
VAPOR DENSITY (AIR = 1)	EVAPORATION RATE (_____ = 1)
N/A	N/A
SOLUBILITY IN WATER	PH
Dispersible	6.75
APPEARANCE AND ODOR	
Light Tan liquid	

SECTION IV - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE AND/OR LD VALUES
Acute oral LD50 (Rat) 3,400 mg/kg Technical
EFFECTS OF OVEREXPOSURE
May irritate eyes, nose, throat and skin.
EMERGENCY AND FIRST AID PROCEDURES
EYES: Flush with water for at least 15 minutes, if irritation develops obtain medical attention.
SKIN: Avoid contact with skin, eyes and clothing. Wash with soap and water.
INHALATION: Avoid breathing dust or spray mist, if inhaled obtain medical attention.
INGESTION: Induce vomiting; get medical attention.

SECTION V - REACTIVITY DATA

STABILITY:	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Under normal conditions.
INCOMPATIBILITY (Materials to avoid)			
None			
HAZARDOUS DECOMPOSITION PRODUCTS			
None known			
HAZARDOUS	MAY OCCUR		CONDITIONS TO AVOID
POLYMERIZATION	WILL NOT OCCUR	X	

SECTION VI - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean up promptly. Do not flush with water, pick up dry by sweeping or other effective means.

WASTE DISPOSAL METHOD

Dispose in accordance with local, Federal and State regulations.

SECTION VII - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	LEL	UEL
Not found	Not determined		
EXTINGUISHING MEDIA			
Dry chemical, carbon dioxide, foam or water spray (small fires).			
SPECIAL FIRE FIGHTING PROCEDURES			
If area is heavily exposed, and if conditions permit, let fire burn itself out since water may increase the contaminated hazard. If conditions do not pert, extinguish with water spray. If conditions permit, cool containers with water if exposed to fire.			
UNUSUAL FIRE AND EXPLOSION HAZARDS			
Wear self contained breathing appartus. No unusual fire and explosion hazards.			

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
Use NOISH or OSHA approved		
VENTILATION	LOCAL EXHAUST	SPECIAL
		None
	MECHANICAL (General)	OTHER
	Preferred	None
PROTECTIVE GLOVES		EYE PROTECTION
Impervious		None
OTHER PROTECTIVE EQUIPMENT		
None		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Do not store near open flame or heat. Fine dust dispersed in air (confined spaces) may ignite if exposed to high temp. ignition source. Do not drain or flush near desirable plants or trees where chemical can be washed out. Keep out of reach of children and in contact with fert, insect., fung., and seeds.

