

Grout Crew

D

MSDS sheets for root inhibitor to mix in grout

NATIONAL SAFETY DATA SHEET

PAGE 1 OF 5

PEL/GORDON CORPORATION, KANSAS CITY, MO. PHONE 816-421-4070
AFTER HOURS 913-342-8783

DATE PREPARED: 7/22/91
REVISION NUMBER: 7

DATE PRINTED: 6/12/92
PRODUCT CODE: 507

8

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: ACME BARRIER SOL DICHLOBENIL HERBICIDE
EPA REG NO.: 2217-676

DEPARTMENT OF TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: (14) COMPOUND TREE OR WEED KILLING LIQUID/DRY
HAZARD CLASSIFICATION: NONE
NMFC CLASSIFICATION NUMBER: 503207 CLASS: 60
DESCRIPTION: NONE

SECTION II - HAZARDOUS COMPONENTS

CAS	INGREDIENT	%	TLV-TWA
1194-65-6	2,6-DICHLOROBENZONITRILE (DICHLOROBENIL)	50	NE

SECTION III - PHYSICAL DATA

BOILING POINT, 760MM/HG: NA	MELTING POINT: NA
SPECIFIC GRAVITY (HZC=1): NA	FREEZING POINT: NA
VAPOR DENSITY (AIR=1): NA	VAPOR PRESSURE: NA
% VOLATILES BY VOLUME: NA	SOLUBILITY IN H ₂ O: <1
APPEARANCE: TAN POWDER	ODOR: AROMATIC
PH: NA	DENSITY AT 20 C: NA
OCTANOL/PARTITION COEF: NA	VISCOSITY: NA
EVAPORATION RATE (BUTYL ACETATE = 1): NA	

MATERIAL SAFETY DATA SHEET

PAGE 2 OF 5

PBI/GORDON CORPORATION, KANSAS CITY, MO. PHONE 816-421-4070
AFTER HOURS 913-342-8783

CODE: 507 - ACNE BARRIER 50% DICHLOROBENIL HERBICIDE

SECTION IV - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT (CLOSED CUP) RANGE: NONE
 EXPLOSION LIMIT (%): LOWER: NA UPPER: NA
 AUTO IGNITION TEMPERATURE: NA
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: NA
 EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER
 LARGE FIRE: WATER SPRAY, FOAM OR FOG
 SPECIAL FIRE FIGHTING PROCEDURES: 1) WEAR SELF CONTAINED BREATHING
 APPARATUS AND FULL PROTECTIVE CLOTHING. 2) ISOLATE HAZARD AREA AND DENY
 ENTRY. 3) STAY UPWIND AND KEEP OUT OF LOW AREAS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: 1) EXTREME HEAT MAY CAUSE RELEASE OF
 TOXIC CHLORIDE AND NITRIC OXIDE FUMES, 2) RUN OFF FROM FIRE CONTROL OR
 DILUTION WATER MAY CAUSE POLLUTION, 3) IN CASE OF WATER POLLUTION, CALL
 LOCAL AUTHORITIES.

SECTION V - HEALTH HAZARD INFORMATION

ACUTE ORAL LD50: >6.21G/KG

ACUTE DERMAL LD50: >2.0G/KG

PRIMARY DERMAL IRRITATION: CONTACT MAY CAUSE SKIN IRRITATION.

PRIMARY EYE IRRITATION: CONTACT MAY CAUSE EYE IRRITATION

INHALATION 4 HR LC50: NA

CHRONIC EFFECTS: INACTIVITY, ANOREXIA, SEDATION, COMA, RESPIRATORY
 ARREST.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: WASH WITH WATER, IF CONDITION PERSISTS, CALL A PHYSICIAN

SKIN: WASH WITH SOAP AND WATER.

INHALATION: MOVE VICTIM TO FRESH AIR, CALL EMERGENCY MEDICAL CARES

ORAL: IF SWALLOWED, CONTACT A PHYSICIAN IMMEDIATELY.

ADVICE TO PHYSICIAN: SYMPTOMATIC THERAPY. BENZONITRILES CAN BE
 IDENTIFIED IN PLASMA BY GAS-LIQUID CHROMATOGRAPHY. URINE OR BLOOD ANALYSIS
 MAY HELP TO CONFIRM CHEMICAL ASSOCIATION. FOR INGESTIONS OF SMALL AMOUNTS.

PB1/SCFDON CORPORATION, KANSAS CITY, MO. PHONE 816-421-4070
AFTER HOURS 913-542-8783

CODE: 307 - ACME BARRIER 50% DICHLORHENIL HERBICIDE

----- SECTION VI - REACTIVITY INFORMATION -----

MATERIAL REACTS VIOLENTLY WITH: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: NONE

INCOMPATIBILITY: EXTREME HEAT

----- SECTION VII - SPECIAL PROTECTION INFORMATION -----

PROTECTIVE EQUIPMENT SHOULD BE USED IN THE MANUFACTURE OR FORMULATION OF THIS PRODUCT, INCLUDING THE FOLLOWING:

RESPIRATORY PROTECTION: WHERE EXPOSURE LIMITS ARE EXCEEDED WEAR A SUITABLE RESPIRATOR (MSHA/NIOSH APPROVED OR EQUIVALENT).

VENTILATION: GOOD VENTILATION OF MFG/PKG AND WAREHOUSE IS ESSENTIAL

PROTECTIVE CLOTHING: RUBBER GLOVES AND FULL PROTECTIVE CLOTHING.

EYE PROTECTION: EYE GOGGLES OR SPLASH SHIELD.

----- SECTION VIII - SPILL OR LEAK PROCEDURES -----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: 1) DO NOT TOUCH SPILLED MATERIAL; 2) WEAR GLOVES AND PROTECTIVE CLOTHING (SEE SEC. VII); 3) HAVE ADEQUATE VENTILATION OR USE NIOSH APPROVED RESPIRATOR; 4) CONTAIN SPILL, COLLECT INTO DRUM, COVER, MARK AND REMOVE; 5) CLEAN AREA WITH WATER.

LARGE SPILL: 1) DO NOT TOUCH SPILLED MATERIAL; 2) WEAR GLOVES AND PROTECTIVE CLOTHING (SEE SEC. VII); 3) HAVE ADEQUATE VENTILATION OR USE NIOSH APPROVED RESPIRATOR; 4) CONTAIN SPILL, COLLECT INTO DRUM, COVER, MARK, REMOVE; 5) CLEAN AREA WITH WATER.

WASTE DISPOSAL METHODS: RCRA ID NO. NONE RQ: 100 LB
DISPOSE OF DOT DRUM AND FLUSH WATER ACCORDING TO EPA APPROVED METHOD.

PEI/GORDON CORPORATION, KANSAS CITY, MO. PHONE 816-421-4070
AFTER HOURS 913-342-8763

CODE: 507 - ACME BARRIER 50W DICHLOROBENIL HERBICIDE

----- SECTION IX - SPECIAL PRECAUTIONS -----

HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION: HARMFUL IF SWALLOWED. DO NOT BREATHE DUST. DO NOT ALLOW CONTACT WITH EYES OR SKIN.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: INDUCE VOMITING BY DRINKING WATER AND TOUCHING BACK OF THROAT WITH FINGER.

IF INHALED: REMOVE TO FRESH AIR.

IF IN EYES: RINSE WITH WATER FOR 15 MINUTES.

IF ON SKIN: WASH WITH SOAP AND WATER.

STORAGE AND DISPOSAL STATEMENTS:

PROHIBITIONS: DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE, DISPOSAL OR CLEANING OF EQUIPMENT. DO NOT STORE NEAR OTHER PESTICIDES OR SEEDS.

PESTICIDE DISPOSAL: PESTICIDE OR RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO APPLICABLE FEDERAL, STATE OR LOCAL PROCEDURES.

CONTAINER DISPOSAL: COMPLETELY EMPTY BAG BY SHAKING AND TAPPING SIDES AND BOTTOM TO LOOSEN CLINGING PARTICLES. EMPTY RESIDUE IN TO APPLICATION EQUIPMENT. THEN, DISPOSE OF BAG IN A SANITARY LANDFILL OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.

PEI/SOUDON CORR NATIONAL CANALS LTD, NO. PHONE 316-421-4070
AFTER HOURS 913-342-8783

CODE: 307 - ACME BARRIER 50% DICHLORENIL HERBICIDE

----- SECTION X - ADDITIONAL INFORMATION -----

SECTION 313 SUPPLIER NOTIFICATION --- THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372:

CAS#	CHEMICAL NAME	% BY WEIGHT
	NCT APPLICABLE	

THIS INFORMATION MUST BE INCLUDED IN ALL MATERIAL SAFETY DATA SHEETS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

THE INFORMATION AND STATEMENTS IN THIS MATERIAL SAFETY DATA SHEET ARE BELIEVED TO ACCURATELY REFLECT THE SCIENTIFIC EVIDENCE USED IN MAKING THE HAZARD DETERMINATION BUT IS NOT TO BE CONSTRUED AS A WARRANTY OR REPRESENTATION FOR WHICH WE ASSUME LEGAL RESPONSIBILITY. ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE DEPENDING ON PARTICULAR, EXCEPTIONAL OR VARIABLE CONDITIONS OR CIRCUMSTANCES OF USE OR STORAGE OR BECAUSE OF LOCALLY APPLICABLE LAWS OR GOVERNMENT REGULATIONS. THEREFORE, YOU SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER INFORMATION AVAILABLE TO YOU AND MUST MAKE INDEPENDENT DETERMINATIONS OF THE SUITABILITY OF THE INFORMATION FOR YOUR PARTICULAR CIRCUMSTANCES OF CONDITIONS AND OF THE COMPLETENESS OF THE INFORMATION AVAILABLE FROM ALL SOURCES TO ASSURE BOTH THE PROPER USE OF THE MATERIAL DESCRIBED HEREIN AND THE SAFETY AND HEALTH OF EMPLOYEES.

** TOTAL PAGE.026 **
** TOTAL PAGE.05 **