

Grout Crew

MSDS sheets for root inhibitor to mix in grout

MATERIAL SAFETY DATA SHEET

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PELUSGARDON CORPORATION, KANSAS CITY, MO. PHONE 816-491-4070
 AFTER HOURS 813-342-8785

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----- SECTION I - PRODUCT IDENTIFICATION -----

PRODUCT NAME: PCME BARRIER 50% DICHLORENIL HERBICIDE
 EPA REG NO.: 2217-076

DEPARTMENT OF TRANSPORTATION INFORMATION

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

----- SECTION II - HAZARDOUS COMPONENTS -----

CAS	INGREDIENT	%	TLV-TWA
1194-03-2	2,4-DICHLOROPHENACETIC ACID (DICHLORENIL)	50	NE

----- SECTION III - PHYSICAL DATA -----

BOILING POINT, 760MM/HG: NA	MELTING POINT: NA
SPECIFIC GRAVITY (4/20°C): 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 (N-HEPTANE = 1): NA	

MATERIAL SAFETY DATA SHEET

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PEYCOBORN CORPORATION, KANSAS CITY, MO. PHONE 816-431-4070
AFTER HOURS 913-342-8763

CODE: 537 - ACPE BARRIER SOA DICHLOBENIL 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 LC50: >6.21G/KG

ACUTE DERMAL LC50: >2.00G/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.

NOTES TO PHYSICIANS: SYMPTOMATIC THERAPY. BENZONITRIL'S CAN BE IDENTIFIED IN PLASMA BY GAS-LIQUID CHROMATOGRAPHY. URINE OR BLOOD ANALYSIS MAY HELP TO CONFIRM CHRONICAL ACCUMULATION. FOR INVESTIGATIONS OF SMALL AMOUNTS.

PERMACHROM CORPORATION, KANSAS CITY, MO. PHONE 816-421-4070
AFTER HOURS 913-842-8783

CODE: 307 - ACME HAZARD BOX DICHLORENTI METRICAL

----- 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: AS ABOVE IS NONE. WASTE SHOULD BE DISPOSED OF BY OXY AND FLUSH WATER ACCORDING TO EPA APPROVED METHOD.

PEI/SOLON CORPORATION, KANSAS CITY, MO. PHONE 816-421-4070
AFTER HOURS 913-342-2783

CODE: 807 - ACNE BARRIER SOL-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 SOCS.

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.

PESTOCROON COOP NATIONAL NAME-ET L.T.M. CO. PHONE 516-487-4070
 AFTER HOURS 513-342-8793

CODE: 507 - ACPE GARDNER 50% DICHLOROBENZYL HERBICIDE

----- SECTION 8 - 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
	NOT 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 ADOPTION 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 RELIABILITY OF THE INFORMATION FOR YOUR PARTICULAR CIRCUMSTANCES OR CONDITIONS AND OF THE COMPLETENESS OF THE DATA BEING AVAILABLE FROM ALL SOURCES TO ASSURE YOUR PROPER USE OF THE MATERIAL DESCRIBED HEREON AND THE SAFETY OF ALL PEOPLE AND ENVIRONMENTS.

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