

DEVOE COATINGS CO DIV OF GROW GROUP INC -- DEVOE ABC NO.3 RED AF, PN 283S5772 --  
8010-01-211-4815

===== Product Identification =====

Product ID:DEVOE ABC NO.3 RED AF, PN 283S5772  
MSDS Date:09/26/1990  
FSC:8010  
NIIN:01-211-4815  
MSDS Number: BKPKY  
=== Responsible Party ===  
Company Name:DEVOE COATINGS CO DIV OF GROW GROUP INC  
Address:4000 DUPONT CIR  
Box:7600  
City:LOUISVILLE  
State:KY  
ZIP:40207-4802

Co  
Country:US  
Info Phone Num:502-897-9861  
Emergency Phone Num:800-424-9300  
CAGE:1HK86

=== Contractor Identification ===  
Company Name:DEVOE COATINGS CO  
Address:4000 DUPONT CIRCLE  
Box:7600  
City:LOUISVILLE  
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ZIP:40207-4802  
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===== Composition/Information on Ingredients =====

Ingred Name:COPPER OXIDE (SARA 313)  
CAS:1317-39-1  
RTECS #:GL8050000  
Fraction by Wt: 50%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3 CU  
ACGIH TLV:1 MG/M3 CU

Ingr

ed Name:N-BUTYL ALCOHOL (SARA III)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:PLASTICIZER (VP: < 1 MM HG) (LD50: 2250 MG/KG RAT; ORAL )  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:RESIN (LD50: > 23.1 GM/KG RAT; ORAL )  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ROSIN  
CAS:8050-09-7  
Fraction by Wt: 10%  
Other REC Li  
mits:NONE SPECIFIED

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: 15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:VOC: 399.92 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:NONE S

PECIFIED

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===== Hazards Identification =====

LD50 LC50 Mixture:SEE INDIVIDUAL INGREDIENTS.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: IRRIT OF RSPRTRY TRACT. EXTREME EXPOSURE CAN RESULT IN UNCONSC & EVEN RSPRTRY ARREST. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CHRONIC:REPEATED/PROLONGED OVEREXP W/PERMANENT BRAIN & NERV SYST D AMAGE. PROLONGED/R EPEATED

BREATHING OF SPRAY MIST &/OR SAND DUST OVER A PERIOD OF YRS. MAY CAUSE DUST DISEASE OF LUNGS.

Effects of Overexposure:INHALE: IRRITATION OF RESPIRATORY TRACT, HEADACHE, NAUSEA, DIZZINESS, WEAKNESS & FATIGUE. SKIN OR EYE CONTACT: IRRITATION. SKIN ABSORPTION MAY BE HARMFUL. INGEST: CAN CAUSE STOMACH &/OR INTESTINAL IRR ITATION, NAUSEA, VOMITING & DIARRHEA. ASPIRATION OF VOMITUS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Medical Cond Aggravated by Exposur

e:NONE, WHEN USED IN ACCORDANCE WITH SAFE HANDLING AND USE INFORMATION.

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===== First Aid Measures =====

First Aid:INHALE: BREATHING DIFFICULTY-REMOVE TO FRESH AIR. CONTINUING BREATHING DIFFICULTY-GET MEDICAL ATTN IMMED. IF BREATHING STOPS, USE CPR & GET MEDICAL ATTN IMMED. EYES: FLUSH IMMED W/LARGE AMOUNTS OF WAT ER FOR AT LEAST 15 MINUTES. GET MEDICALATTN. SKIN: WASH AREA W/SOAP & WATER. REMOVE SOILED CLOTHES & GET MED ATTN IF IRRITATIO N PERSIST. INGEST: CONSULT A PHYSICIAN IMMED. DO NOT INDUCE VOMITING.

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===== Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:80.0F,26.7C

Lower Limits:1

Extinguishing Media:USE CO2, DRY CHEMICAL, FOAM OR OTHER NFPA APPROVED METHOD FOR TREATING A CLASS B FIRE.

Fire Fighting Procedures:GET PRO FIREFIGHTERS. USE FULL PROTECTIVE EQUIPMENT INCLD SCBA. WATER SPRAY MAY BE INEFFECTIVE, USE TO COOL EXPOSED CNTNRS. WHEN USING H2O,FOG NOZZLE

PREFERRED.

Unusual Fire/Explosion Hazard:VAPORS MAY CAUSE FLASH FIRE/IGNITE  
EXPLOSIVELY OR SPREAD LONG DISTANCES & BEYOND CLOSED DOORS.  
OVEREXPOS TO DECOMP MAY CAUSE HEALTH HAZARD, MAY NOT BE APPARENT.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITE. PREVENT INHALE  
OF VAPORS. VENT AREA. BEFORE CLEAN-UP, REFER TO HAZARD CAUTION INFO  
IN OTHER SECTIONS OF THIS MSDS. CONTAIN SPILL & REMOVE W/INERT  
ABSORB  
& NON-SPARK TOOLS . STORE IN CLOSED CONTAINER UNTIL PROPER  
DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP FROM HEAT, SPARKS, FLAMES. DO NOT  
SMOKE. GET RID OF IGNITE SOURCES UNTIL VAPORS ARE GONE. PREVENT  
VAPOR BUILD-UP, PROVIDE CONTINUOUS FRESH AIR.

Other Precautions:DO NOT STORE ABOVE 120F OR NEAR FIRE/OPEN FLAME.  
STORE LG AMTS IN BLDGS TO COMPLY W/OSHA 1910.106. KEEP CONTAINER  
CLOSED WHEN NOT IN USE. DO  
NOT TRANSFER TO UNLABELLED CONTAINERS.  
DO NOT REUSE CONTAIN ERS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:SPRAYING OUTDOORS/OPEN AREA/SANDING/GRINDING,  
USE MECH FILTER TO REMOVE SOLID AIRBORNE PARTICLES. RESTRICTED  
VENT:CHEM/MECH FILTER TO REMOVE COMB OF PARTICULATES/VAPOR.  
CONFINED:AIR SUPPLY RSPRTRS/HOO DS. USE RSPRTR WHEN FLAME  
CUT/WELD/ETC.

Ventilation:GEN DILUTE/LOCAL EXHAUST VENT IN VOL/PATTERN TO KEEP AIR  
CONTAMI

NANT CONCENTRATION BELOW CURRENT SAFETY/HEALTH STANDARD.

Protective Gloves:WEAR SOLVENT IMPERMEABLE GLOVES.

Eye Protection:SAFETY WEAR W/SPLASH GUARDS/SIDE SHIELDS

Other Protective Equipment:DO NOT GET ON SKIN. SOLVENT IMPERMEABLE  
CLOTHING & BOOTS TO PREVENT SKIN CONTACT ARE RECOMMENDED.

Work Hygienic Practices:REMOVE & WASH SOILED CLOTHING BEFORE REUSE.  
WASH HANDS BEFORE EATING OR SMOKING.

Supplemental Safety and Health

THIS PRODUCT MAY CONTAIN A CHEMICAL KNOWN TO THE STATE OF CALIF TO

CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM (PROPOSITION 65).

===== Physical/Chemical Properties =====

HCC:F3

Boiling Pt:B.P. Text:244 TO 644F

Vapor Density:> AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:47.96

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:ISOLATE FROM HEAT

, ELEC EQUIPMENT, SPARKS

& FLAMES. DO NOT USE WELDING/CUTTING TORCH ON OR NEAR CONTAINERS (EVEN EMPTY).

Hazardous Decomposition Products:TOXIC FUMES WHEN HEATED TO DECOMP, CONTAINING CO, CO2, COMPOUNDS OF ZINC, COPPER, OXIDES OF NITROGEN & SULFUR. \*\*

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATE ONLY IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

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