

DEVOE COATINGS CO DIV OF GROW GROUP INC -- DEVOE ABC #3 RED ABLATIVE ANTIFOULING COATING -- 8010-01-211-4815

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

Product ID:DEVOE ABC #3 RED ABLATIVE ANTIFOULING COATING

MSDS Date:05/10/1994

FSC:8010

NIIN:01-211-4815

MSDS Number: BTWHH

=== Responsible Party ===

Company Name:DEVOE COATINGS CO DIV OF GROW GROUP INC

Address:4000 DUPONT CIR

Box:7600

City:LOUISVILLE

Stat

e:KY

ZIP:40207-4802

Country:US

Info Phone Num:502-897-9861

Emergency Phone Num:800-424-9300

Preparer's Name:LOUIS F HOLZKNECHT

CAGE:1HK86

=== Contractor Identification ===

Company Name:DEVOE COATINGS CO

Address:4000 DUPONT CIRCLE

Box:7600

City:LOUISVILLE

State:KY

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Country:US

Phone:502-897-9861

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===== Composition/Information on Ingredients =====

Ingred Name:COPPER OXIDE (SARA III)

CAS:1317-39-1

RTECS #:GL8050000

Fraction by Wt: 50%

Other REC Limits:NONE

RECOMMENDED
OSHA PEL:1 MG/M3 CU
ACGIH TLV:1 MG/M3 CU

Ingred Name:N-BUTYL ALCOHOL (SARA III) (VAPOR PRESSURE 4.2 MM HG)
(LD50: 2.5 GM/KG ORAL,RAT; LC50: 8000 PPM 4 HR,RAT)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM CEILING LIMIT

ACGIH TLV:50 PPM CEILING LIMIT

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:PLASTICIZERS (VAPOR PRESSURE 23.1 GM/KG RAT,ORAL)

Fraction by Wt: 5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ROSIN

C

AS:8050-09-7

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLUIDINE RED

CAS:2425-85-6

Fraction by Wt: 5 GM/KG

RAT,ORAL)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ZINC OXIDE (LD50: >24 GM/KG)

CAS:1314-13-2

RTECS #:ZH4810000

Fraction by Wt: 15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST

Ingred Name:C

ALCULATED VOC: 378.79 GM/L
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE: INHALATION: RESPIRATORY TRACT IRRITATION; HEADACHE, NAUSEA, DIZZINESS, WEAKNESS, FATIGUE. EXTREME HIGH CONCENTRATIONS: UNCONSCIOUSNESS, RESPIRATORY ARREST. SKIN/EYE: IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. INGESTION: CAN CAUSE STOMACH AND/OR INTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.
Effects of Overexposure:ASPIRATION CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. CONCENTRATING & INHALING CONTENTS MAY BE FATAL. CHRONIC: REPORTS ASSOCIATE REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. PROLONGED/REPEATED BREATHING OF SPRAY/DUST OVER PERIOD OF YEARS MAY CAUSE DUST DISEASE OF LUNGS.
Medical Cond Aggravated by Exposure:NONE, WHEN USED IN ACCORDANCE WITH SAFE HANDLING AND USE INFORMATION.

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

First Aid:INHALATION: IF BREATHING DIFFICULTY, REMOVE TO FRESH AIR. IF CONTINUED DIFFICULTY, GET MED AID IMMED. IF BREATHING STOPS, RESTORE W/CPR, GET MED AID IMMED. EYE: FLUSH IMMED W/WATER 15 MIN. GET MED AID . SKIN: WASH WITH SOAP AND WATER. REMOVE SOILED CLOTHING. GET MED AID IF IRRITATION PERSISTS. INGESTION: CONSULT A PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

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

Flash Point Method:SCC
Flash Point:80.0F,26.7C
Lower Limits:1
Extinguishing Media:IN CASE OF FIRE USE CO2, DRY CHEMICAL, FOAM, OR OTHER NFPA APPROVED METHOD FOR TREATING A CLASS B FIRE.
Fire Fighting Procedures:GET PROF FIREFIGHTERS.PROTECT EQUIP W/SCBA.WATER MAY BE INEFFECTIVE,USE (FOG NOZZLE) TO COOL CLOSED CONTAINERS & PREVENT PRESSURE BUILD UP OR AUTOIGNITION.
Unusual Fire/Explosion Hazard:

KEEP CNTNR CLSD.KEEP FROM
HEAT/IGNIT.VAPOR MAY CAUSE FLASH FIRE.VAPOR IGNITE EXPLOS.NEVER USE
WELD/CUT TORCH ON/NEAR CNTNR (EVEN EMPTY)DECOMP PRODCT-HLTH HZD.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. PREVENT
BREATHING OF VAPORS. VENTILATE AREA. BEFORE CLEAN-UP, SEE HAZARD
CAUTION INFO IN MSDS. CONTAIN SPILL & REMOVE WITH INERT ABSORBENT &
NON-SPARKING TOOLS. STORE I N CLOSED CONTAINER TILL P
ROPERLY
DISPOSED OF.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT,IGNIT SOURCE.DON'T
SMOKE.EXTINGUISH PILOT LIGHT/IGNIT SOURCE.VAPORS MAY IGNITE
EXPLOSIVELY.VAPOR MAY SPREAD LONG DISTANCE BEYOND *
Other Precautions:* CLOSED DOOR. PREVENT VAPOR BLDUP W/FLOW OF FRESH
AIR. DON'T STORE >120F/NEAR OPEN FLAME. STORE LRG QTY IN BLDGS TO
COMPLY W/OSHA 1910.106.KEEP CNTNR CLOSED WHEN NOT IN USE.DON'T
TRA
NSFER TO BOTTLE/U NLABELLED CNTNR.DON'T REUSE EMPTY CNTNR.

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

Respiratory Protection:DON'T BREATHE VAPOR/DUST.WHEN SPRAY IN
OUTDOOR/OPEN AREA,USE NIOSH/MSHA MECHANICAL FILTER
RSPRTR.RESTRICTED VENT,NIOSH/MSHA CHEM/MECHANICAL FILTER.CONFINED
AREA,NIOSH/MSHA AIR SUPPLY RSPRTR/HOOD.USE N IOSH/MSHA RSPRTR WHEN
FLAME CUT/WELDING.

Ventilation:GENERAL DILUTION OR LOCAL EXHAUST TO KEEP BELOW TLV/PEL
WHEN MIXING, APPLI

CATION, CURING, OR SANDING COATED MATERIAL. **

Protective Gloves:SOLVENT IMPERMEABLE GLOVES RECOMMENDED

Eye Protection:SOVLNT RESISTNT W/SPLASH GUARDS,SIDESHLD

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

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

Supplemental Safety and Health

** VAPORS MAY SPREAD LONG DISTANCE. PREVENT BUILD-UP BY REMOVING HEAV

Y

SOLVENT VAPORS FROM LOWER LEVELS OF THE WORK AREA. ELIMINATE ALL IGNITION SOURCES.

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

HCC:F3

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

Vapor Density:> AIR

Spec Gravity:1.86-2.06

Viscosity:70-110 KU

Solubility in Water:SLIGHT

Appearance and Odor:RED VISCOUS LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:45.46

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

Stability Indicator/Materials to Avoid:YES

AVOID

CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY CAUSE TOXIC FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CO,CO₂,ZINC COMPOUNDS,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. EPA WASTE CODE: D001, PESTICIDE, IGNITABLE.

Discl

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