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## **HS-3 HYDROSEAL REPLENISHER**

### **MSDS Number**

BBDMF

### **National Stock Number**

5970-00D000877

### **Product Name**

HS-3 HYDROSEAL REPLENISHER

### **Manufacturer**

RADIATOR SPECIALTY CO

### **Product Identification**

Product ID:HS-3 HYDROSEAL REPLENISHER

MSDS Date:01/01/1987

FSC:5970

NIIN:00D000877

MSDS Number: BBDMF

### **Responsible Party**

RADIATOR SPECIALTY CO.

1400 W. INDEPENDENCE BLVD.

CHARLOTTE , NC 28208

Emergency Phone: 704-377-6555

Info Phone: 704-377-6555

Cage: 77628

### **Contractor**

RADIATOR SPECIALTY COMPANY

34689

CHARLOTTE, NC 28208

US

704-377-6555/303-623-5716

Cage: 77628

### **Ingredients**

CRESOL, ALL ISOMERS (CRESYLIC ACID) (SARA III)

CAS: 1319-77-3

RTECS: GO5950000

Fraction By Weight: 16.6%

OSHA PELS, 5 PPM

ACGIH TLV: S, 5 PPM; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)

CAS: 127-18-4

RTECS: KX3850000

Fraction By Weight: 10.1%



OSHA PEL100 PPM  
ACGIH TLV: 25PPM/100,A3 STEL;94  
EPA Report Quantity: 100 LBS  
DOT Report Quantity: 100 LBS

PHENOL  
CAS: 108-95-2  
RTECS: SJ3325000  
Fraction By Weight: 4.3%  
OSHA PELS, 5 PPM  
ACGIH TLV: S, 5 PPM; 8990  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

POTASSIUM HYDROXIDE (SARA III)  
CAS: 1310-58-3  
RTECS: TT2100000  
Fraction By Weight: 1.5%  
OSHA PELC, 2 MG/M3  
ACGIH TLV: C 2 MG/M3; 9192  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

METHYLENE CHLORIDE (SARA III)  
CAS: 75-09-2  
RTECS: PA8050000  
Fraction By Weight: 43.3%  
OSHA PEL500 PPM/C,1000; Z2  
ACGIH TLV: 50 PPM, A2; 9192  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

## Hazards

Effects of Overexposure:EYE:SEV IRRT,BURNS.SKIN:SEV IRRT,BURNS,ORGAN DAMAGE,DEATH.INHL:DIZZ,NARC,URI IRRT.INGEST:CORROSIVE.

## First Aid

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:AS REQD FOR NEARBY FIRE  
Fire Fighting Procedures:USE SCBA PP MODE; FULL BODY PROTECT.  
Unusual Fire/Explosion Hazard:PHENOLIC AND CHLORINATED FUMES

## Accidental Release



Spill Release Procedures:USE FULL BODY PROTECTION, CCROV RESPIRATOR.  
CONFINE SPILL,COLLECT W/ABSORBENT INTO CLOSABLE CONTAINERS.  
VENTILATE AREA, AVOID CREATING MISTS. DO NOT WASH RESIDUE TO SEWER  
OR WATERWAY.

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY AREA.  
Other Precautions:AVOID EYE, SKN CONTACT. DO NOT INHALE OR INGEST.

## Exposure Controls

Respiratory Protection:USE CCROVM RESPIRATOR AS REQD.  
Ventilation:LOCAL EXHAUST  
Protective Gloves:SOLVENT RESIST  
Eye Protection:GOGGLES  
Other Protective Equipment:APRON,SLEEVES. EYEWASH FOUNTAIN & SHOWER  
Supplemental Safety and Health  
MSDS NON-STD DATED APR 86. ADDED INGRED (6):SODIUM DICHROMATE 0.2%,  
HUMAN CARCINOGEN.TLV=0.05 PPM. EFFECTS,CONT:INGEST:CORR TO  
MOUTH,TRACHEA,GI TRACT.LIVER KIDNEY DAMAGE,DEATH.

## Chemical Properties

HCC:T4  
Boiling Pt:B.P. Text:100F/38C  
Spec Gravity:1.21  
Solubility in Water:EMULSIFIES  
Appearance and Odor:DARK AMBER LIQUID,PHENOLIC ODOR. PH=12.8  
Percent Volatiles by Volume:65

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS,OXIDIZING AGENTS  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:HCL, PHOSGENE, FUMES

## Disposal

Waste Disposal Methods:RECLAIM OR DISPOSE IAW ALL LAWS & REGS.

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