

## **H AGENT SIMULANT VIAL,DMS,(SEE SUPP DATA)**

### **MSDS Number**

BHWFK

### **National Stock Number**

6910-00-106-4800

### **Product Name**

H AGENT SIMULANT VIAL,DMS,(SEE SUPP DATA)

### **Manufacturer**

CHEMTRONICS INC NOW JET RESEARCH

### **Product Identification**

Product ID:H AGENT SIMULANT VIAL,DMS,(SEE SUPP DATA)

MSDS Date:01/01/1987

FSC:6910

NIIN:00-106-4800

Kit Part:Y

MSDS Number: BHWFK

### **Responsible Party**

CHEMTRONICS,INC NOW,JET RESEARCH

180 OLD BEE TREE RD

SWANNANOVA , NC 28778

US

Emergency Phone: 704-298-7941

Info Phone: 704-298-7941

Cage: KO082

### **Contractor**

CHEMTRONICS,INC NOW JET RESEARCH(NO LONGER MFR)

SWANNANOVA, NC 28778

US

703-298-7941

Cage: KO082

### **Ingredients**

DIMETHYL SULFATE (SARA III)

CAS: 77-78-1

RTECS: WS8225000

OSHA PELS, 1 PPM

ACGIH TLV: S, 0.1 PPM, A2; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

### **Hazards**

LD50 LC50 Mixture:N/K

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

Health Hazards Acute and Chronic:DELAYED EFFECTS.SEVERE DAMAGE TO  
RESPIRATORY TRACT.SEVERE EYE INJURY FROM VAPORS.CORROSIVE TO AND  
PENETRATES SKIN.

Explanation of Carcinogenicity:DIMETHYL SULFATE:SUSP HUM CARC/KNOWN  
ANIM CARC (NTP,1989).INADEQ EVID FOR CARC IN HUM;SUFF EVID FOR CARC

IN (SEE SUPP)

Effects of Overexposure:DELAYED EFFECTS.EYES:SEVERE INJURY FROM VAPORS.SKIN:CORROSIVE TO AND PENETRATES SKIN.INGESTION:N/K .INHALATION:PAINFUL COUGH.SEVERE DAMAGE TO RESPIRATORY TRACT. Medical Cond Aggravated by Exposure:N/K

## First Aid

First Aid:EYES:IMMEDIATELY FLUSH FOR 15 MINUTES WITH WITH WATER.SKIN:WASH WITH WATER.APPLY ICE PACK.INGESTION:GIVE MILK.DO NOT INDUCE VOMITING.INHALATION:MOVE TO FRESH AIR.ARTIFICIAL RESPIRATION IF NECESSARY.CO NSULT PHYSICIAN IN ALL INSTANCES OF CONTACT.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:84.4C,183F  
Lower Limits:N/K  
Upper Limits:N/K  
Extinguishing Media:FOAM,DRY CHEMICAL,CO\*2 OR WATER.  
Fire Fighting Procedures:SCBA REQUIRED.  
Unusual Fire/Explosion Hazard:MIXTURES OF DIMETHYL SULFATE AND CONCENTRATED AMMONIA CAN EXPLODE.

## Accidental Release

Spill Release Procedures:WEAR ORGANIC RESPIRATOR,GLOVES AND CLOTHING DURING CLEAN-UP.COVER SPILLS WITH SODA ASH AND WATER SPRAY.LET STAND 24 HOURS.WASH AWAY WITH WATER.  
Neutralizing Agent:N/K

## Handling

Handling and Storage Precautions:DO NOT STORE WITH AQUEOUS AMMONIA OR NEAR GASEOUS AMMONIA.KEEP AWAY FROM AREAS OF HIGH HEAT.  
Other Precautions:KEEP CONTAINERS,VIALS AND AMPOULES CLOSED OR SEALED.

## Exposure Controls

Respiratory Protection:MESA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE.  
Ventilation:CONSULT LOCAL SAFETY/HEALTH AUTHORITIES IF ADDITIONAL GUIDANCE IS NEEDED .LOCAL-FUME HOOD:100 LFM MINIMUM.  
Protective Gloves:RUBBER  
Eye Protection:SPLASH PROOF GOGGLES.  
Other Protective Equipment:RUBBERIZEED COVERALLS,RUBBER BOOTS AND SCBA FOR EMERGENCIES.  
Work Hygienic Practices:N/K  
Supplemental Safety and Health  
BP:DECOMPOSES @ 188C,370.4F.EXPLAN OF CARC:ANIMALS (IARC,1987).ACGIH A2=SUSP HUM CARC (1990).KNOWN TO CAUSE CANCER (CAL PROP 65 1988).WASTE DISP METHODS:WITH ALKALI SCRUBBER OBSERVING LOCAL,STATE AND FEDERAL REGULATIONS.TLV:1 PPM OR 5 MG/M3.PART NO:(M72-A1 TRAINING SET).

## Chemical Properties

Boiling Pt:B.P. Text:SEE SUPP  
Melt/Freeze Pt:M.P/F.P Text:N/K  
Decomp Temp:Decomp Text:188C,370.4F  
Vapor Pres:0.54 MMHG  
Vapor Density:4.35,AIR=1  
Spec Gravity:1.328 (WATER=1)  
Evaporation Rate & Reference:>1 (BUTYL ACETATE=1)  
Solubility in Water:SLIGHT  
Appearance and Odor:CLEAR WHITE WITH NO CHARACTERISTIC ODOR.  
Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES  
AMMONIA AND METAL SALTS.  
Stability Condition to Avoid:N/K

Hazardous Decomposition Products:POSSIBLY SULFUR DIOXIDE,HYDROGEN SULFIDE,CARBON DIOXIDE,CARBON MONOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

## **Disposal**

Waste Disposal Methods:DISP MUST BE IAW FEDERAL,STATE & LOCAL REGULATIONS.COORDINATION W/ SUPPORTING INSTALLATION/MACOM ENVIRON COORDINATION BEFORE DISP IS REC TO DETERMINE APPROP DISP METHODS .MIX UNCONTAM MATL W/ SO LV & BURN IN INCINERATOR W/ AFTER BURNER (SEE SUP)

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