

## **X-304,CATALYST**

### **MSDS Number**

BDFKC

### **National Stock Number**

8010-00-172-1782

### **Product Name**

X-304,CATALYST

### **Manufacturer**

BOSTIK WEST DIV OF USM CORP AN EMHART UNIT

### **Product Identification**

Product ID:X-304,CATALYST

MSDS Date:01/01/1985

FSC:8010

NIIN:00-172-1782

MSDS Number: BDFKC

### **Responsible Party**

BOSTIK WEST,DIV OF USM CORP.AN EMHART UNIT

434 W. MEAT ST.

ORANGE , CA 92661

US

Cage: KO236

### **Contractor**

BOSTIK WEST,DIV OF USM CORP,AN EMHART UNIT

ORANGE, CA 92661

US

714-637-1750; CHEMTREC 800-424-9300

Cage: KO236

### **Ingredients**

ALCOHOL SOLVENTS PERCENT 20-25%

ACGIH TLV: 100 PPM (MFR)

10-15%

ACGIH TLV: 50 PPM (MFR)

KETONE SOLVENTS

Fraction By Weight: 5-10%

ACGIH TLV: 200 PPM (MFR)

AROMATIC SOLVENTS

Fraction By Weight: 5.0%

ACGIH TLV: 200 PPM (MFR)

DIETHYLENE TRIAMINE

CAS: 111-40-0

RTECS: IE1225000

OSHA PEL1 PPM

ACGIH TLV: S, 1 PPM; 9192

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight:

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

HARMFUL AMTS W/POSS INJURY TO KIDNEYS, LIVER,

RTECS: 9999999ZZ

INGEST CAN CAUSE GI IRRIT, NAUSEA, VOMIT & DIARRHEA.

RTECS: 9999999ZZ

MAY CAUSE SKIN SENSIT OR OTHER ALLERGIC RESPONSES.

RTECS: 9999999ZZ

DEEP ULCERATION. INGEST MAY CAUSE GI IRRIT, VOMIT,

RTECS: 9999999ZZ

TRACT/MILD DEPRESSION CHARACTERIZED BY DIZZ, HDCH,

RTECS: 9999999ZZ

INTENTIONAL MISUSE BY DELIBERATELY CONC/INHAL

RTECS: 9999999ZZ

ASSOCIATED RPTD/PRLNGD OCCUPATIONAL OVEREXPOS TO

RTECS: 9999999ZZ

RPTD OVEREXPOS MAY RESULT IN DMG TO BLOOD.

RTECS: 9999999ZZ

DAMAGE IN HUMANS. HLTH STUDIES HAVE SHOWN THAT MANY

RTECS: 9999999ZZ

RISKS WHICH MAY VARY FROM PERSON TO PERSON. AS A

RTECS: 9999999ZZ

MINIMIZED. OVEREXPOS TO MATL WAS SUGGESTED AS CAUSE

RTECS: 9999999ZZ

THE PRECEDING HAZARDS HAVE BEEN REPORTED TO BE

RTECS: 9999999ZZ

NOT ALL BE ASSOC W/FINISHED PROD. NIOSH STUDIES

RTECS: 9999999ZZ

DISORDERS IN LAB ANIMALS (RATS/MICE) & MAY HAVE

RTECS: 9999999ZZ

FLAME CUT AN EMPTY DRUM. DO NOT HANDLE UNTIL

RTECS: 9999999ZZ

HEATING. REMOVE DECOMP PRODS FORMED DURING WELDING OR

RTECS: 9999999ZZ

## Hazards

Effects of Overexposure:HDACHE, NAUSEA, DIZZ. VAPOR IRRITATING TO NOSE, THROAT & EYES. IRRITATING TO SKIN,STRONG SKIN SENSI

## First Aid

First Aid:SKIN:WASH AFFECTED AREA W/SOAP AND WATER. EYE: IMMEDIATELY FLUSH W/WATER AT LEAST 15 MIN. CALL MD. INGEST: CALL MD IMMEDIATELY. INHAL: REMOVE VICTIM TO FRESH AIR, CALL MD.

## Fire Fighting

Flash Point:23F TCC (MIN)

Lower Limits:1.1

Extinguishing Media:FOAM,CO\*2,STEAM,WATER-FOG,DRYCHEM,EXCLUDE AIR.DONT USE H\*20

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES

Unusual Fire/Explosion Hazard:VAPOR FORMS EXPLOSIVE MIXTURE W/AIR BETWEEN UPPER AND LOWER EXPLOSION LIMITS.

## Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION & CLEAR FUMES FROM AREA. PREVENT LIQUID FROM ENTERING SEWERS, WATER SOURCES & LOW AREAS. KEEP AWAY UNNECESSARY PERSONNEL. SHUT OFF SOURCE, IFF POSSIBLE TO DO SO W/O HAZAR D. CONTAIN SPILL W/SAWDUST OR OIL ABSORBING COMPO

## Handling

Handling and Storage Precautions:MATERIAL IS SENSITIVE TO MOISTURE AND SHOULD BE KEPT IN TIGHTLY CLOSED CONTAINER. DO NOT HANDLE OR STORE NEAR FLAME, HEAT OR STRONG OXIDANTS.

Other Precautions:ADEQUATE VENTILATION REQUIRED. EMPTY CONTAINERS MAY

BE HAZARDOUS-RETAIN RESIDUES (VAPOR, LIQUID, ETC.) ALL HANDLING EQUIPMENT SHOULD BE GROUNDED. TREAT AS A FLAMMABLE LIQUID.

## Exposure Controls

Respiratory Protection:IN NON-VENT. AREA NIOSH/MSHA APPRVD RESP PROTECTION  
Ventilation:MECHNCL: EXPLSB-PRF EQUIP. FACE VEL >60 FPM IN CONFINED ARE  
Protective Gloves:CHEM RESISTANT  
Eye Protection:CHEM SPLASH GOG/FACE SHL  
Other Protective Equipment:EYE BATH AND SAFETY SHOWER  
Supplemental Safety and Health  
VAP-PRESS GIVEN FOR KETONE SOLVENTS.WT/CL:7.1LBS RED LABEL,FLAMMABLE.PART B OF A 2 PART KIT.PART A IS 473-3-1,SAME NSN,P/N IND:A MIX RATIO:3PARTS 473-3-1 TO 1 PT X-304 BY VOL.KEY1:J1.

## Chemical Properties

Boiling Pt:B.P. Text:176-340F  
Vapor Pres:70  
Vapor Density:>1  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Percent Volatiles by Volume:75.

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, INORGANIC ACIDS  
Stability Condition to Avoid:STRGE AT HIGH TEMP, SPARKS AND OPEN FLAMES  
Hazardous Decomposition Products:CO, CO\*2, OXIDES OF NITROGEN

## Disposal

Waste Disposal Methods:WASH SPILL AREA AFTER FLLLWNG ABOVE. CONSULT DISPOSAL EXPRT & ENSURE CONFORMITY W/LOCAL, ST & FED REGULATIONS

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