

## **APPROXIMATE JIM, PR-2 CLEAR**

### **MSDS Number**

BXCVK

### **National Stock Number**

8030-00N058325

### **Product Name**

APPROXIMATE JIM, PR-2 CLEAR

### **Manufacturer**

RECTORSEAL CORP

### **Product Identification**

Product ID: APPROXIMATE JIM, PR-2 CLEAR

MSDS Date: 10/05/1993

FSC: 8030

NIIN: 00N058325

MSDS Number: BXCVK

### **Responsible Party**

RECTORSEAL CORP

2830 PRODUCE ROW

HOUSTON , TX 77023-5022

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 713-925-6423

Cage: 60150

### **Contractor**

THE RECTORSEAL CORPORATION

HOUSTON, TX 77055

US

800-231-3345

Cage: 60150

### **Ingredients**

2-BUTANONE; (METHYL ETHYL KETONE)(MEK) (SARA 313) (CERCLA)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 80%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM;300 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

FURAN, TETRAHYDRO-; (TETRAHYDROFURAN) (CERCLA)

CAS: 109-99-9

RTECS: LU5950000

OSHA PEL200 PPM

ACGIH TLV: 200 PPM; 250 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CYCLOHEXANONE (CERCLA)

CAS: 108-94-1

RTECS: GW1050000

OSHA PEL50 PPM, S

ACGIH TLV: 25 PPM, S

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

IGNITE FLAMMABLE VAPORS.

RTECS: 9999999ZZ

(ANSI Z 87.1 OR EQUIVALENT)

RTECS: 9999999ZZ

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

RTECS: 9999999ZZ

STANDING IN AIR.

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:IRRIT OF EYES, NOSE & THROAT;

DROWSINESS, NARCOSIS, TREMORS & OTHER CNS EFFECTS AT HIGH CONC.

SKIN IRRIT, DERM & DEFATT. POSS LIVER & KIDNEY DMG. NOTICE: REPORTS

HAVE ASSOC RPTD & PLNGD OCCUP OVEREXP TO SOLVS W/PERM BRAIN & CNS

DMG. INTENTIONAL MISUSE BY DELIB CONC & INHAL CONTENTS OF PROD MAY

BE HARMFUL/FATAL.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:EYES: WATERING, BLURRED VISION, INFLAMM & IRRIT

WHICH CAN RSLT IN CORNEAL INJURY. INHAL: NASAL & RESP IRRIT, DIZZ,

NARCOSIS, HDCH, NAUS, CNS DEPRESS & UNCON. INGEST: NAUS, VOMIT; CNS

DEPRESS, IRRIT OF GI TRACT, LIVER & PERITONEAL WALL, LUNG

CONGESTION. SKIN: IRRIT, DERMATITIS.

Medical Cond Aggravated by Exposure:INDIVIDUALS W/PRE-EXISTING OR

CHRONIC DISEASES OF EYES, SKIN, RESP SYSTEM, CARDIOVASCULAR SYSTEM,

GI SYSTEM, LIVER/KIDNEYS MAY HAVE INCREASED SUSCEPTABILITY TO

EXCESSIVE EXPOSURE.

## First Aid

First Aid:EYES: FLUSH W/LGE AMOUNTS OF WATER FOR AT LEAST 15 MINS. SEEK

IMMED MED ATTN. INHAL: REMOVE TO FRESH AIR. ADMIN O\*2/ARTF RESP IF

NEEDED. SEEK IMMED MED ATTN. INGEST: DO NOT INDUCE VOMITING. GIVE

LARGE AMOUNTS OF WATER ONLY IF CONSCIOUS. SEEK IMMED MED ATTN.

SKIN: WASH W/SOAP & WATER. IF IRRIT OCCURS, SEEK MED ATTN.

## Fire Fighting

Flash Point Method:SCC  
Flash Point:17F,-8.3C  
Lower Limits:2%  
Upper Limits:11.8%  
Extinguishing Media:FOAM, DRY CHEMICAL, CO\*2 OR WATER FOG.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.  
HAZ DECOMP PRODS POSS. EVAC IMMED AREA. DIKE FIRE CONTROL AREA AS  
RUN-OFF MAY CREATE ADDTNL FIRE(SUPDAT)  
Unusual Fire/Explosion Hazard:EXTREMELY FLAMM-VERY LOW FLASH PT. VAPS  
ARE HVR/AIR & MAY TRAVEL ALONG GROUND/TO LOW SPOTS AT CONSIDERABLE  
DISTANCE TO SOURCE OF IGNIT RSLTG IN POTNTL(SUPDAT)

## Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNIT. USE ABSORB MATLS  
TO PVNT FOOTING HAZ & TO CONTAIN. VENT AREA W/NATURAL/EXPLOS PROOF,  
FORCED AIR VENT. AVOID FLUSHING INTO SEWERS, DRAINS, WATERWAYS &  
SOIL. WEAR PROT CLTHG & NIOSH/MSHA APPRVD RESP DURING CLEAN-UP.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP CNTNR CLSD & UPRIGHT WHEN NOT IN  
USE. DO NOT STORE NEAR HEAT, SPARKS/OPEN FLAMES. IF TRANSFERRING  
LIQUID MATL TO OTHER CNTNRS, GROUND(SUPDAT)  
Other Precautions:AVOID PROLONGED & REPEATED CONTACT WITH SKIN OR  
CLOTHING. EMPTY CONTAINERS MAY CONTAIN RESIDUES & VAPORS; TREAT AS  
IF FULL AND OBSERVE ALL PRODUCT PRECAUTIONS. DO NOT REUSE EMPTY  
CONTAINERS. KEEP OUT OF REACH OF CHILDREN.

## Exposure Controls

Respiratory Protection:IN CONFINED, POORLY VENT AREAS, USE NIOSH/MSHA  
APPROVED AIR PURIFYING OR SUPPLIED AIR RESPIRATORS.  
Ventilation:LOCAL EXHST: ACCEPTABLE. MECH(GENL): PREFERABLE. SPECIAL:  
EXPLOSION-PROOF EQUIPMENT.  
Protective Gloves:NON-PERMEABLE GLOVES.  
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS(ING 5)  
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING  
ANSI DESIGN CRITERIA. COVERALLS RECOMMENDED.  
Work Hygienic Practices:WHERE USE CAN RSLT IN SKIN CONTACT, WASH  
EXPOSED AREAS THORO BEFORE EATING, DRINKING, SMOKING/LEAVING WORK  
AREA.(ING 6)  
Supplemental Safety and Health  
FIRE FIGHT PROC: HAZ & ENVIRON CONTAM. COOL HEAT EXPOSED CNTNRS  
W/WATER. IF SPILL/LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE  
VAPS. EXPLO HAZ: FLASHBACK. BURNING LIQ MAY FLOAT ON WATER. HEAT  
MAY BUILD UP PRESS & RUPTURE CLSD CNTNRS. STOR/HNDLG: ALL CNTNRS  
TO AVOID STATIC ELEC BUILDUP & DISCHARGE WHICH MAY (ING 4)

## Chemical Properties

Boiling Pt:B.P. Text:151F,66C  
Vapor Pres:140 @ 68F  
Vapor Density:2.5  
Spec Gravity:0.91 (H\*20=1)  
Evaporation Rate & Reference:6 (ETHYL ACETATE=1)  
Solubility in Water:90%  
Appearance and Odor:CLEAR OR PURPLE LIQUID/ PUNGENT ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
OXIDIZERS, ACIDS AND BASES.  
Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES & STRONG  
OXIDIZING, ACIDIC & BASIC CNDTNS. CAN FORM POTNTLY EXPLOS PEROXIDES  
UPON LONG(ING 7)  
Hazardous Decomposition Products:CO, CO\*2 AND FRAGMENTED HYDROCARBONS.  
Conditions to Avoid Polymerization:PRESENCE OF CATIONIC INITIATORS SUCH  
AS SELECTED LEWIS ACIDS/STRONG PROTON ACIDS. KEEP AWAY FROM  
CATIONIC INITIATORS.

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## Disposal

Waste Disposal Methods:RCRA CLASSIFIED HAZARDOUS WASTE. DISPOSE OF ABSORBED MATLS & LIQUID WASTES IN APPROVED, CONTROLLED INCINERATION FACILITY IN ACCORDANCE W/ALL LOCAL, STATE & FEDERAL REGULATIONS.

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