

CREST INDUSTRIAL CHEMICALS INC -- CREST PAINT STRIPPER 16F -- 8010-01-248-0846

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Product Identification  
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Product ID:CREST PAINT STRIPPER 16F  
MSDS Date:12/21/1991  
FSC:8010  
NIIN:01-248-0846  
MSDS Number: BNCLN  
=== Responsible Party ===  
Company Name:CREST INDUSTRIAL CHEMICALS INC  
Address:6341 BEVERLY HILL  
Box:42242  
City:HOUSTON  
State:TX  
ZIP:77242  
Country:US  
Info Phone Num:713-780-8169/1828  
E  
mergency Phone Num:713-780-1828/800-255-3924  
Preparer's Name:J D BENNETT  
CAGE:77513  
=== Contractor Identification ===  
Company Name:CREST INDUSTRIAL CHEMICALS INC  
Address:6341 BEVERLY HILL  
Box:42242  
City:HOUSTON  
State:TX  
ZIP:77057-6500  
Country:US  
Phone:713-780-1828  
CAGE:77513

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Composition/Information on Ingredients  
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Ingred Name:METHYLENE CHLORIDE (SARA III)  
CAS:75-09-2  
RTECS #:PA8050000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM  
EPA Rpt Qty:100

0 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ACETIC ACID (SARA III)  
CAS:64-19-7  
RTECS #:AF1225000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:FORMIC ACID (SARA III)  
CAS:64-18-6  
RTECS #:LQ4900000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 PP  
M  
ACGIH TLV:5 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:INHAL: CONFINED/POORLY VENT AREAS:  
UNCONSCIOUSNESS & DEATH. LEVELS OVER 1000 PPM CAN CAUSE DIZZINESS,  
DRUNKNESS; CONCENTRATION LEVELS OF 10,000 PPM CAN CAUSE  
UNCONSCIOUSNESS & DEATH. THESE HIGH LEVELS MAY ALSO  
CAUSE CARDIAC  
ARRYTHMIAS, COLLAPSE & DAMAGE TO HEART. IRRITATION OF UPPER  
RESPIRATORY TRACT.  
Explanation of Carcinogenicity:METHYLENE CHLORIDES, CHROMIUM & CERTAIN  
CHROMIUM COMPOUNDS DETERMINED CARINOGENIC RISK TO HUMANS.  
Effects of Overexposure:MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS,  
CARBOXYHEMOGLOBINEMIA (IMPAIR BLOODS ABILITY TO TRANSPORT OXYGEN).  
GIDDINESS, HEADACHE, DIZZINESS, AND NAUSEA, UNCONSCIOUSNESS &  
DEATH. KIDNEY DAMAGE, CHANGES IN URINE OUTPUT. LIVER DAMA

GE, LOSS

OF APPETITE, JAUNDICE & UPPER ABDOM PAIN (RIGHT SIDE). HEART DAMAGE, SHORT BREATH.

Medical Cond Aggravated by Exposure: PREEXISTING SKIN, EYE, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO PRODUCT. IMPAIRED KIDNEY, LIVER, HEART FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

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First Aid Measures  
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First Aid: EYE: IMMEDIATELY FLUSH WITH WATER 15 MIN. GET MEDICAL AID IMMEDIATELY. SKIN: IMMEDIATELY FLUSH WITH WATER 15 MIN. REMOVE ALL CONTAMINATED CLOTHES IMMEDIATELY. DON'T REUSE CLOTHES. CONTAMINATED LEATHER ARTICLES CANNOT BE DECONTAMINATED; SHOULD BE DESTROYED. GET IMMEDIATE MEDICAL AID. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NO BREATHING. GET MEDICAL AID IMMEDIATELY. INGESTION: DON'T INDUCE VOMITING. NOTHING BY MOUTH TO UNCONSCIOUS,

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Fire Fighting Measures  
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Flash Point Method: COC  
Flash Point: NONE TO BOILING  
Extinguishing Media: CARBON DIOXIDE, CHEMICAL FOAM, OR A WATER MIST.  
Fire Fighting Procedures: THERMAL DECOMPOSITION: TOXIC OXIDES OF CHLORINE & CARBON. DON'T ENTER CONFINED AREA WITHOUT FULL BUNKER GEAR, INCLUDING POSITIVE PRESSURE SCBA. COOL FIRE-EXPOSED CONTAINERS WITH WATER.  
Unusual Fire/Explosion Hazard: OXIDES OF CARBON & CHLORINE PRODUCED (DANGEROUS TO HUMANS). COOL CONTAINERS/CONTAINER AREAS EXPOSED TO FIRE/HEAT WITH WATER TO PREVENT PRESSURE BUILDUP/STRUCTURE WEAKENING.

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Accidental Release Measures  
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Spill Release Procedures: CORROSIVE. AVOID CONTACT. WEAR RESPIRATOR & FULL PROTECTIVE CLOTHING. SPILLS SLIPPERY. AVOID FALLING INTO PRODUCT. STOP SPILL AT SOURCE IF SAFE. DIKE/CONTAIN. REMOVE WITH VACUUM TRUCK/PUMP TO SALVAGE/STORAGE TANK. SOAK UP RESIDUE WITH ABSORBENT. CONTAINERIZE, SEAL. FLUSH # Neutralizing Agent: N/A # AREA WITH WATER. DISPOSE OF FLUSH SOLUTION AS ABOVE. COMPLY WITH FEDERAL, STATE, LOCAL REGULATIONS

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Handling and Storage  
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Handling and Storage Precautions: DON'T STORE IN DIRECT

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SUNLIGHT/UNVENTED AREAS. STORE BETWEEN 32F & 80F.DISCARD DISTORTED/BULGING CNTNRS. DON'T RECYCLE/REUSE CNTNRS. KEEP CNTNRS CLSD.

Other Precautions:STORE IN COOL, DRY, VENTED AREA AWAY FROM OTHER CHEMICALS. DON'T USE PRESSURE TO EMPTY. DON'T GET ON SKIN, EYES, CLOTHES. OPEN W/CARE TO AVOID SPURTING (MAY BE UNDER PRESS). DON'T CUT, GRIND, WELD ON CNTNR. EMPTY CNTNRS RETAIN RESIDUE. ##

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

Respiratory Prot

ection:NISOH/MSHA BREATH APPRTS. LTD TIME EXPOS-FULL

FACE MASK & ORGNC CARTRIDGE/CANISTER (IF W/O OXYGEN DEFICIT). IF TLV EXCEEDED, NIOSH SCBA POS PRESS HOSE MASK OR AIRLINE MASK IS ADVISED (FULL FACE SHIELD IN POS PRESS MODE).

Ventilation:LOCAL EXHAUST, MECHANICAL. CONVULS PERSON. GIVE LRG QTY WTR. IF VOMIT OCCURS, REPEAT LIQ ADMIN. GET MED AID IMMED.

Protective Gloves:SOLVENT RESISTANT GLOVES APPRVD FOR PROD

Eye Protection:FULL FACE SHIELD. DON'T WEAR CONTACTS.

Other Protectiv

e Equipment:SOLVENT RESISTANT APRONS, BOOTS, AND SUITS MUST BE WORN.

Work Hygienic Practices:WASH ALL EXPOSED AREAS WITH SOAP & WATER AFTER USING THIS PRODUCT. DO NOT SMOKE AROUND PRODUCT.

Supplemental Safety and Health

## OBEY HZD WARNINGS/HANDLE EMPTY CNTNRS AS IF FULL. INITIATE FORMAL TRAINING/SCREENING PROGRAM IF RSPRTRS ARE USED. OPEN CAUTIOUSLY. TO OPEN COVER OPENING TO AVOID SPURTING. SLOWLY TURN BUNG TO BREAK SEAL. RELEASE INTERNAL PRESS. AFTER PRESS EQUALIZED, REMOVE BUNG.

IF DOUBT DON'T REMOVE. SEEK SUPERVISION.

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

HCC:C2

Boiling Pt:B.P. Text:104F,40C

Vapor Pres:350 MM

Vapor Density:>1

Spec Gravity:1.24 (WATER=1)

pH:1.8

Evaporation Rate & Reference:GREATER THAN 1 (BU AC=1)

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:VISCOUS LIGHT BROWN LIQUID WITH AN ACIDIC CHLORINATED ODOR.

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

Stability Indicator/

Materials to Avoid: YES

AVOID STRONG OXIDIZERS AND ALKALI CHEMICALS.

Stability Condition to Avoid: AVOID STRONG OXIDIZERS AND ALKALI CHEMICALS.

Hazardous Decomposition Products: THERMAL DECOMP: OXIDES OF CARBON & CHLORINE. OXIDERS WILL PRODUCE CO<sub>2</sub>, CO, PHOSGENE, OXIDES OF CHLORINE.

===== Disposal Considerations =====

Waste Disposal Methods: DO NOT DISPOSE OR DISCHARGE INTO SEWERS OR NAVIGABLE WATERS. DON'T ALLOW PRODUCT TO CONTAMINATE GRND WATERS.

ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE W/FED, STATE & LOCAL REGULATIONS.

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