

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:03/03/1998
FSC:8010
NIIN:01-248-0846
Status Code:A
MSDS Number: CKYPB
=== 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:713-78
0-1828/8169
Emergency Phone Num:1-800-255-3924
Preparer's Name:HENRY SIMMONS
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
CAS:75-09-2
RTECS #:PA8050000
> Wt:80.
Environmental Wt:0.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:174 MG/M3;50 PPM
EPA Rp

t Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
> Wt:4.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ACETIC ACID
CAS:64-19-7
RTECS #:AF1225000
OSHA PEL:25 MG/M3;10 PPM
ACGIH TLV:25 MG/M3;10 PPM
ACGIH STEL:37 MG/M3;15 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:FORMIC ACID
CAS:64-18-6
RTECS #:LQ4900000
OSHA PEL:9 MG/M3;5 PPM
ACGIH TLV:9.4 MG/M3;5 PPM
ACGIH STEL:19 MG/M3;10 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:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:EXCESSIVE EXPOSURE MAY CAUSE HEART
COLLAPSE AND DAMAGE TO THE HEART. INHALATION-IN CONFINED OR POORLY
VENTILATED AREAS, VAPORS CAN UNCONSCIOUSNESS AND DEATH. HIGH LEVELS
OVER 1000 PPM CAN CAUSE DIZZIN ESS, CONCENTRATIONS AS LOW AS 10,000
PPM CAN CAUSE UNCONSCIOUSNESS AND DEATH. THESE HIGH LEVELS MAY ALSO
CAUSE CARDIC ARRYTHMIAS. EXCESSIVE EXPOSURE MAY CAUSE IRRITATION TO
THE UPPER RESPIRATORY TRACT .

Explanation of Carcinogenicity:METHYLENE CHLORIDE IS LISTED AS A
POTENTIAL CARCINOGEN BY IARC. METHYLENE CHLORIDE HAS BEEN SHOWN TO
INCREASE THE RATE OF SPONTANEOUSLY OCCURRING MALIGNANT TUMORS IN
THE B6C3F1 MOUSE AND BENIGN TUMORS IN LABORATORY RATS. OTHER
ANIMALS STUDIES, AS WELL AS SEVERAL HUMAN EPIDEM

IOLOGY STUDIES,

FAILED TO SHOW A TUMORIGENIC RESPONSE RELATABLE TO METHYLENE CHLORIDE

Effects of Overexposure:SIGN AND SYMPTONS OF EXCESSIVE EXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. EXCESS EXPOSURE MAY CAUSE CARBOXYHEMOGLOBINNESS; THEREBY IMPAIRING THE BLOOD'S ABILITY TO TRANSPORT OXYGEN. EARLY TO M ODERATE CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE GIDDINESS, HEADACHE, DIZZINESS, AND NAUSEA; IN EXTREME CASES, UNCONCIOUSNESS AND DEATH MAY OCCUR. KIDNEY DAMAGE MAY EVIDENCED BY CHANGES IN URINE OUTPU T. LIVER DAMAGED MAY BE EVIDENCED BY LOSS OF APPETITE JAUNDICE AND SOMETIMES PAIN IN THE UPPER ABDOMEN ON THE RIGHT SIDE. HEART DAMAGED MAY BE EVIDENCED BY SHORTNESS OF BREATH.

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

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==== First Aid Measures =====

First Aid:EYES CONTACT- IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY. VAPORS MAY BE IRRITATING TO THE EYES. SKIN CONTACT-IMMEDIATELY FLUSH WITH W ATER FOR 15 MINUTES. REMOVE ALL CONTAMINATED CLOTHES IMMEDIATELY. DO NOT REUSE CLOTHES. CONTAMINATED LEATHER ARTICLES CAN BE DECONTAMINATED AND SHOULD BE DESTROYED. OBTAINED MEDICAL ATTENTION IMMEDIAT ELY. INHALATI
ON-REMOVE VICTIM TO FRESH AIR AND
PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION IMMEDIATELY. INGESTION-DO NOT GIVE LIQUIDS TO A DROWSY, CONVULSING OR UNCONSCIOUS

===== Fire Fighting Measures =====

Flash Point Method:COC

Extinguishing Media:CARBON DIOXIDE, CHEMICAL FOAM, OR A WATER MIST

Fire Fighting Procedures:THERMAL DECOMPOSITION WILL PRODUCE TOXIC OXIDES OF CHLORINE AND CAR

BON. DO NOT ENTER CONFINED FIRE SPACE

WITHOUT FULL BUNKER GEAR (HELMET WITH A FACE SHIELD, BUNKER COATS, GLOVES, AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:OXIDES OF CARBON AND CHLORINE MAY BE PRODUCED. BOTH OXIDES ARE DANGEROUS TO HUMANS. CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES OR ANY HEAT SOURCE SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.

===== Accidental Release Measures =====

Spill Release Procedures:DANGER. HIGHLY CORROSIVE. PREVENT ALL BODILY CONTACT WITH SPILED MATERIALS. WEAR APPROPRIATE RESPIRATORY AND FULL-BODY PROTECTIVE CLOTHING. WARNING-AREA OF SPILL MAY BE VERY SLIPPERY. CARE SHOULD BE TAKEN TO PREVENT FALLING INTO PRODUCT. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. REMOVE WITH A VACUUM TRUCK OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE IN DIRECT SUNLIGHT. STORE BELOW 80 DEGREES F, BUT NOT BELOW 32 DEGREES F. AVOID USE IN UNVENTILATED AREAS. DISCARD BULGING OR DISTORTED CONTAINERS. DO NOT RECYCLE OR REUSE CONTAINERS. DISPOSE OF EMPTY CONTAINERS PER LOCAL, STATE, AND FEDERAL REGULATIONS.

Other Precautions:DO NOT CUT, GRIND, OR WELD ON THIS CONTAINER. EVEN THOSE CONTAINERS THAT ARE EMPTY WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARDOUS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL. IF TLV IS EXCEEDED, A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

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

Respiratory Protection:NIOSH/MSHA APPROVED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST AND MECHANICAL

Protective Gloves:SOLVENT RESISTANT GLOVES

THAT HAS APPROVED FOR USE
WITH THIS PRODUCT.

Eye Protection:FULL FACE SHIELD. DO NOT WEAR CONTACTS AROUND THIS
PRODUCT.

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

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

Supplemental Safety and Health

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

Boiling Pt:=40.C, 104.F

Vapor Pres:350 MM HG

Vapor

Density:>1

Spec Gravity:1.24

pH:1.8

Evaporation Rate & Reference:>1

Solubility in Water:SLIGHTLY SOLUBLE IN WATER

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

Percent Volatiles by Volume:96%

===== 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 DECOMPOSITION WILL PRODUCE OF

TOXIC OXIDES OF CARBON AND CHLORINE. OXIDERS WILL PRODUCE CARBON
DIOXIDE, CARBON MONOXIDE, PHOSGENE, AND OXIDES OF CARBON.

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

Waste Disposal Methods:DO NOT DISPOSE OR DISCHARGED INTO SEWERS OR
NAVIGABLE WATERS. DO NOT ALLOW PRODUCT TO CONTAINATE GROUND WATERS.
ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH FEDERAL, STATE,
AND LOCAL REGULATIONS,

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h this information by the compiling agencies):

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