

CREST INDUSTRIAL CHEMICALS INC -- STRIPPER 25 -- 8010-00-160-5798

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Product Identification  
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Product ID:STRIPPER 25

MSDS Date:05/21/1993

FSC:8010

NIIN:00-160-5798

MSDS Number: BSRWS

=== 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

Emergency 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

Fraction by Wt: >55%

Other REC Limits:NONE SPECIFIED

OSHA PEL:500 PPM

ACGIH TLV:50 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: >16%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:150 PPM  
ACGIH TLV:50 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: >25%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHANOL (SARA III)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: >10%  
Other  
REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM  
ACGIH TLV:250 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 4.2 LBS/GAL; 495 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:EXCESSIVE AMOUNTS MAY CAUSE COLLAPSE &  
DAMAGE TO HEART. INHALATION: UNC

UNCONSCIOUSNESS, DEATH, DIZZINESS,  
DRUNKENNESS. CARDIAC ARRHYTHMIAS. IRRITATION TO UPPER RESPIRATORY  
TRACT. EFFECTS ARE CUMULATIVE AND MAY AFFECT THE OPTIC NERVE.  
Explanation of Carcinogenicity: METHYLENE CHLORIDE LISTED POTENTIAL  
CARCINOGEN BY IARC. NOT BELIEVED MEASURABLE CARCINOGENIC RISK WHEN  
USED AS DIRECTED.

Effects of Overexposure: CENTRAL NERVOUS SYSTEM EFFECTS. CARBOXYHEMOGLOBINEMIA  
(AFFECTS BLOOD'S ABILITY TO TRANSPORT OXYGEN). CENTRAL NERVOUS  
SYSTEM DEPRESSION (DIZZINESS, HEADACHE, DIZZINESS, NAUSEA,  
UNCONSCIOUSNESS, DEATH). KIDNEY DAMAGE (CHANGE IN URINE OUTPUT).  
LIVER DAMAGE (APPETITE LOSS, JAUNDICE, UPPER RESPIRATORY TRACT). HEART  
DAMAGE (SHORT BREATH).

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

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===== First Aid Measures =====  
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First Aid: EYE: IMMEDIATE FLUSH WITH WATER 15 MIN. GET MEDICAL AID IMMEDIATE. SKIN: IMMEDIATE  
FLUSH WITH WATER 15 MIN. REMOVE CONTAMINATED CLOTHING IMMEDIATE. GET MEDICAL AID IMMEDIATE.  
INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. GIVE  
ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL AID IMMEDIATE. INGESTION: DON'T  
INDUCE VOMITING. NOTHING BY MOUTH TO UNCONSCIOUS. GIVE LARGE QUANTITY OF  
WATER. IF VOMIT, GIVE MORE WATER. GET MEDICAL AID. TREAT FOR METHANOL  
POISONING

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===== Fire Fighting Measures =====  
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Flash Point Method: TCC  
Flash Point: 60.8 F, 16.0 C  
Extinguishing Media: CARBON DIOXIDE, CHEMICAL FOAM, OR A WATER MIST  
Fire Fighting Procedures: TOXIC CHLORINE & CARBON OXIDES. DON'T ENTER  
FIRE SPACE WITHOUT FULL BUNKER GEAR INCLUDING POSITIVE PRESSURE NIOSH  
SCBA. COOL FIRE EXPOSED CONTAINERS WITH WATER.  
Unusual Fire/Explosion Hazard: TOXIC OXIDES OF CARBON & CHLORINE MAY BE  
PRODUCED. COOL CONTAINERS EXPOSED TO HEAT WITH WATER TO PREVENT PRESSURE  
BUILDUP. COOL CONTAINERS WITH LARGE AMOUNTS OF WATER TO PREVENT

## EVENT WEAKENING.

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

Spill Release Procedures:DANGER.CORROSIVE.PREVENT BODILY CONTACT W/  
SPILLED MAT'L.WEAR RESPIRATOR & FULL BODY PROTECT  
CLOTH.SLIPPERY.STOP LEAK AT SOURCE IF SAFE.DIKE/CONTAIN.REMOVE  
W/VACUUM TRUCK OR PUMP TO STORAGE VESSEL.USE ABSORBENT REST

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

Handling and Storage Precautions:DON'T STORE IN SUNLIGHT.STORE BETWEEN  
32 TO 80F.AVOID  
D USE IN UNVENTED AREAS.DISCARD BULGING CNTNR.DON'T  
RECYCLE/REUSE CNTNR.STORE IN COOL,VENTED AREA.  
Other Precautions:STORE AWAY FROM OTHER CHEMICAL.KEEP CNTNR CLSD.DON'T  
USE PRESSURE TO EMPTY CNTNR.DON'T GET ON  
SKIN,EYES,CLOTHING.CONTENTS MAY BE UNDER PRESSURE.OPEN CAUTIOUSLY  
TO AVOID SPURTING.DO NOT CUT GRIND OR WELD ON CNTNR.OBEY HZD  
WARNING.

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

Respiratory Protection:NIOSH/MSHA BREATHING APPARATUS. POSITIVE  
PRESSURE HOSE MASK/AIR LINE MASK ADVISED IF TLV EXCEEDED. USE  
W/FULL FACE SHIELD & OPERATED IN POSITIVE PRESSURE MODE. LIMITED  
USE, FULL FACE MASK W/ORGANIC VAPOUR CARTRIDGE IF NOT OXYGEN  
DEFICIENT.  
Ventilation:LOCAL EXHAUST. MECHANICAL EXHAUST .  
Protective Gloves:SOLVENT RESISTANT GLOVES  
Eye Protection:FULL FACE SHIELD. DO NOT WEAR CONTACTS.  
Other Protective Equipment:SOLVENT RESISTANT APRONS, BOOTS, AND SUITS  
MUST BE WORN.  
Work Hygienic Practices:WASH EXPOSED AREAS W/SOAP  
& WATER AFTER USING.  
DON'T SMOKE AROUND PRODUCT.DON'T REUSE CONTAM CLOTH.DISCARD CONTAM  
LEATHER

### Supplemental Safety and Health

PRECAUTIONS CONT'D: EMPTY CNTNR RETAIN RESIDUE TREAT AS IF FULL. OPEN  
CAUTIOUSLY TO AVOID INJURY BY SPURTING. TO OPEN, COVER OPENING TO  
AVOID SPURTING, THEN SLOWLY TURN BUNG TO BREAK SEAL & RELEASE IN  
INTERNAL PRESSURE. ONLY AFTER PRESSURE EQUALIZED, REMOVE THE BUNG. IF  
IN DOUBT DON'T REMOVE BUNG. SEEK SUPERVISION.

### ===== Physical/Chem

ical Properties =====

HCC:F2

Vapor Pres:360

Vapor Density:>1

Spec Gravity:1.02 (WATER=1)

Evaporation Rate & Reference:>1 (BU AC=1)

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:VISCOUS TAN LIQUID WITH A SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

AVOID STRONG OXIDIZERS.

Stability Condition to Avoid:AVOID STRONG OXIDIZERS

Hazardous Decomposition Products:THERMAL DECOMP WILL PRODUCE TOXI

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OXIDES OF CARBON & CHLORINE. OXIDIZERS WILL PRODUCT  
CO<sub>2</sub>,CO,PHOSGENE,OXIDES OF CHLORINE

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

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

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