

C R C CHEMICALS U S A -- 3-36 (AEROSOL) #03004, 03005, 03005T - PENETRATING OIL  
MATERIAL SAFETY DATA SHEET

C R C CHEMICALS U S ANSN: 9150010549960

Manufacturer's CAGE: 10136

Part No. Indicator: A

Part Number/Trade Name: 3-36 (AEROSOL) #03004, 03005, 03005T

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General Information  
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Item Name: PENETRATING OIL  
Company's Name: C R C CHEMICALS U.S.A.  
Company's Street: 885 LOUIS DRIVE  
Company's City: WARMINSTER  
Company's State: PA  
Company's Country: US  
Company's Zip Code: 18974-2820  
Company's Emerg Ph #: 215-674-4300  
Company's Info Ph #: 215-674-4300  
Record No. For Safety Entry: 004  
Tot Safety Entries This Stk#: 006  
Status: SMU  
Date MSDS Prepared: 01JUL89  
Safety Data Review Date: 20FEB91  
Supply Item Manager: CX  
MSDS Preparer's Name: ALLEN B. REED  
MSDS Serial Number: BJPGH  
Hazard Characteristic Code: F8  
Unit Of Issue: CN  
Unit Of Issue Container Qty: 13.00 OZ  
Type Of Container: AEROSOL CAN  
Net Unit Weight: 0.81 LB

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: HYDROTREATED LIGHT PETROLEUM DISTILLATE  
Ingredient Sequence Number: 01  
Percent: 67  
NIOSH (RTECS) Number: 1002846HL  
CAS Number: 64742-47-8  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE SPECIFIED  
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Proprietary: NO  
Ingredient: CARBON DIOXIDE  
Ingredient Sequence Number: 02  
Percent: 4  
NIOSH (RTECS) Number: FF6400000  
CAS Number: 124-38-9  
OSHA PEL: 5000 PPM  
ACGIH TLV: 5000PPM/30000STEL;93  
Other Recommended Limit: NONE SPECIFIED  
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Proprietary: NO  
Ingredient: PARAFFINIC OIL  
Ingredient Sequence Number: 03  
Percent: 29  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE  
Other Recommended Limit: NONE SPECIFIED  
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Physical/Chemical Characteristics

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 Appearance And Odor: BLUE LIQUID, PLEASANT ODOR  
 Boiling Point: 380F,193C  
 Vapor Pressure (MM Hg/70 F): 0.23  
 Vapor Density (Air=1): > AIR  
 Specific Gravity: 0.82  
 Evaporation Rate And Ref: SLOW 0.01 (TOLUENE=1)  
 Solubility In Water: NEGLIGIBLE  
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Fire and Explosion Hazard Data

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 Flash Point: 175F,79C  
 Flash Point Method: COC  
 Lower Explosive Limit: N/A  
 Upper Explosive Limit: N/A  
 Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL OR FOAM  
 Special Fire Fighting Proc: NONE SPECIFIED BY MANUFACTURER.  
 Unusual Fire And Expl Hazrds: AEROSOL CONTAINERS MAY EXPLODE WHEN HEATED ABOVE 130F  
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Reactivity Data

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 Stability: YES  
 Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.  
 Materials To Avoid: STRONG OXIDIZING AGENTS  
 Hazardous Decomp Products: CARBON DIOXIDE AND CARBON MONOXIDE  
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Health Hazard Data

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 Route Of Entry - Inhalation: YES  
 Route Of Entry - Skin: YES  
 Route Of Entry - Ingestion: NO  
 Health Haz Acute And Chronic: SEE SIGNS AND SYMPTOMS  
 Carcinogenicity - NTP: NO  
 Carcinogenicity - IARC: NO  
 Carcinogenicity - OSHA: NO  
 Explanation Carcinogenicity: NOT APPLICABLE  
 Signs/Symptoms Of Overexp: ACUTE OVEREXPOSURE:MAY CAUSE BURNING AND IRRITATION OF EYES. SKIN CONTACT WILL CAUSE DRYNESS. INHALATION OF MIST MAY CAUSE BREATHING PROBLEMS. VAPORS MAY CAUSE HEADACHE AND NAUSEA. CHRONIC OVEREXPOSURE:PROLONGED EXPOSURE TO SKIN MAY CAUSE DEVELOPEMENT OF DERMATITIS.  
 Med Cond Aggravated By Exp: N/A  
 Emergency/First Aid Proc: INHALATION:REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NEEDED. EYES:FLUSH FOR 15 MIN. WITH LARGE AMOUNTS OF WATER. SKIN:REMOVE CONTAMINATED CLOTHING. WASH EXPOSED SKIN WITH SOAP AND WATER. INGESTION:DO NOT INDUCE VOMITING. CALL A PHYSICIAN.  
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Precautions for Safe Handling and Use

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 Steps If Matl Released/Spill: VENTILATE AREA, ABSORB WITH INERT MATERIAL AND PLACE IN A CLOSED CONTAINER.  
 Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
 Waste Disposal Method: PARTIALLY USED OR FULL AEROSOLS ARE HAZARDOUS WASTE IF DISCARDED. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.  
 Precautions-Handling/Storing: STORE IN A COOL, DRY AREA.  
 Other Precautions: AEROSOLS MAY EXPLODE IF CONTENTS ARE HEATED ABOVE 130F. VAPORS ARE HEAVIER THAN AIR AND WILL TEND TO COLLECT IN LOW AREAS.  
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Control Measures

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 Respiratory Protection: USE NIOSH APPROVED RESPIRATORS FOR HIGH MIST  
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CONCENTRATION.

Ventilation: ADEQUATE VENTILATION TO MAINTAIN OIL MIST BELOW PEL WHEN SPRAYED.

Protective Gloves: SOLVENT RESISTANT

Eye Protection: SAFETY GLASSES.

Other Protective Equipment: NOT NORMALLY REQUIRED FOR AEROSOL USE.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

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Transportation Data  
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Trans Data Review Date: 91051  
DOT PSN Code: AGD  
DOT Proper Shipping Name: AEROSOLS, NON-FLAMMABLE,  
DOT Class: 2.2  
DOT ID Number: UN1950  
DOT Label: NONFLAMMABLE GAS  
IMO PSN Code: AIY  
IMO Proper Shipping Name: AEROSOL DISPENSERS  
IMO Regulations Page Number: 9022  
IMO UN Number: 1950  
IMO UN Class: 9  
IMO Subsidiary Risk Label: -  
IATA PSN Code: ANB  
IATA UN ID Number: 1950  
IATA Proper Shipping Name: AEROSOLS, 20, \*  
IATA UN Class: 2.2  
IATA Label: NON-FLAMMABLE GAS  
AFI PSN Code: HDO  
AFI Prop. Shipping Name: COMPRESSED GAS, N.O.S.  
AFI Class: 2.2  
AFI ID Number: UN1956  
AFI Basic Pac Ref: 6-6,6-8,6-10  
N.O.S. Shipping Name: PETROLEUM DISTILLATE, CARBON DIOXIDE  
Additional Trans Data: NONE

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Disposal Data  
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Label Data  
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Label Required: YES  
Technical Review Date: 20FEB91  
Label Status: F  
Common Name: 3-36 (AEROSOL) #03004, 03005, 03005T  
Chronic Hazard: NO  
Signal Word: WARNING!  
Acute Health Hazard-Slight: X  
Contact Hazard-Slight: X  
Fire Hazard-Moderate: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: VENTILATE AREA, ABSORB WITH INERT MATERIAL AND PLACE IN A CLOSED CONTAINER. STORE IN A COOL, DRY AREA.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: C R C CHEMICALS U.S.A.  
Label Street: 885 LOUIS DRIVE  
Label City: WARMINSTER  
Label State: PA  
Label Zip Code: 18974-2820  
Label Country: US  
Label Emergency Number: 215-674-4300