

CRC CHEMICALS U S A CRC INDUSTRIES -- 3-36 AEROSOL;3004;3005;3005;3005T -- CLEANING COMPOUND,SOLVENT  
MATERIAL SAFETY DATA SHEET  
NSN: 915000D003305.  
Manufacturer's CAGE: 10136  
Pa. No. Indicator: B  
Pa. Number/Trade Name: 3-36 AEROSOL;3004;3005;3005;3005T

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General Information  
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Item Name: CLEANING COMPOUND,SOLVENT  
Company's Name: CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC.  
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: 002  
Tot Safety Entries This Stk#: 002  
Status: FE  
Date MSDS Prepared: 11NOV94  
Safety Data Review Date: 23MAY95  
Supply Item Manager: CX  
MSDS Preparer's Name: ADAM SELISKER  
MSDS Serial Number: BWYQV  
Specification Number: NONE  
Spec Type, Grade, Class: NONE  
Hazard Characteristic Code: F1  
Unit Of Issue: NK  
Unit Of Issue Container Qty: UNKNOWN  
Type Of Container: UNKNOWN  
Net Unit Weight: UNKNOWN

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: PETROLEUM HYDROCARBON,  
Ingredient Sequence Number: 01  
Percent: 67  
NIOSH (RTECS) Number: OA5504000  
CAS Number: 64742-47-8  
OSHA PEL: 5 MG/M3 (OIL MIST)  
ACGIH TLV: 5 MG/M3 (OIL MIST)  
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO  
Ingredient: INHIBITED PARAFFINIC OIL  
Ingredient Sequence Number: 02  
Percent: 29  
NIOSH (RTECS) Number: 1003374IP  
OSHA PEL: 5 MG/M3 OIL MIST  
ACGIH TLV: 5 MG/M3 OIL MIST  
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO  
Ingredient: CARBON DIOXIDE  
Ingredient Sequence Number: 03  
Percent: 4  
NIOSH (RTECS) Number: FF6400000  
CAS Number: 124-38-9  
OSHA PEL: 5000 PPM  
ACGIH TLV: 5000PPM/30000STEL;95  
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO  
Ingredient: ADDITIVES (TO INCLUDE INGRED 5)  
Ingredient Sequence Number: 04  
Percent: UNKNOWN  
NIOSH (RTECS) Number: 1000144AD  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED

Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO

Ingredient: FATTY ACIDS/ESTERS

Ingredient Sequence Number: 05

Pecent: UNKNOWN

NIOSH (RTECS) Number: 1005517FA

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Other Recommended Limit: NONE RECOMMENDED

#### Physical/Chemical Characteristics

Appearance And Odor: LIQUID;BLUE;PLEASANT ODOR.

Boiling Point: 380F,193C

Vapor Pressure (MM Hg/70 F): 0.23

Vapor Density (Air=1): >1

Specific Gravity: 0.8167

Decomposition Temperature: UNKNOWN

Evaporation Rate And Ref: 00.01 TOLUENE=1

Solubility In Water: NEGLIGIBLE

Percent Volatiles By Volume: 70

Corrosion Rate (IPY): UNKNOWN

#### Fire and Explosion Hazard Data

Flash Point: 175F,79C

Flash Point Method: COC

Extinguishing Media: DRY CHEMICAL,CARBON DIOXIDE,FOAM.

Special Fire Fighting Proc: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire And Expl Hazrds: CONTAINERS MAY BURST AT ELEVATED TEMPERATURES.

#### Reactivity Data

Stability: YES

Cond To Avoid (Stability): HEAT ABOVE 120F.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomp Products: CARBON DIOXIDE,CARBON MONOXIDE

Hazardous Poly Occur: NO

#### Health Hazard Data

LD50-LC50 Mixture: TLV FOR OIL MIST IS 5MG/M3

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

MAY CAUSE IRRITATION AND DRYNESS.INGEST:MAY CAUSE GI TRACT IRRITATION.

INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:DERMATITIS.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs/Symptoms Of Overexp: INHAL:HEADACHE,DIZZINESS,NAUSEA.

Med Cond Aggravated By Exp: PERSONS WITH PRE-EXISTING SKIN AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

Emergency/First Aid Proc: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH

AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE

VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

#### Precautions for Safe Handling and Use

Steps If Matl Released/Spill: ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.CLEAN SPILL AREA WITH SOAP AND WATER.

Neutralizing Agent: NOT APPLICABLE.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Precautions-Handling/Storing: STORE AT TEMPERATURES BELOW 120F.FOLLOW

## LABEL DIRECTIONS.

Other Precautions: FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

## Control Measures

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR HIGH ORGANIC MIST CONCENTRATION.

Ventilation: LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: SOLVENT RESISTANT

Eye Protection: SAFETY GLASSES

Other Protective Equipment: PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Suppl. Safety & Health Data: OSHA STEL IS 10MG/M3.

## Transportation Data

Trans Data Review Date: 95143

DOT PSN Code: AGC

DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,

DOT Class: 2.1

DOT ID Number: UN1950

DOT Label: FLAMMABLE 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: ALS

IATA UN ID Number: 1950

IATA Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S. \*

IATA UN Class: 2.1

IATA Label: FLAMMABLE GAS

AFI PSN Code: ALR

AFI Prop. Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.

AFI Class: 2.1

AFI ID Number: UN1950

AFI Basic Pac Ref: 6-6

MMAC Code: NR

Additional Trans Data: NONE

## Disposal Data

## Label Data

Label Required: YES

Technical Review Date: 23MAY95

MFR Label Number: UNKNOWN

Label Status: F

Common Name: 3-36 AEROSOL;3004;3005;3005;3005T

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

Special Hazard Precautions: EYES:MAY CAUSE BURNING AND IRRITATION.SKIN:MAY CAUSE IRRITATION AND DRYNESS.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:DERMATITIS. STORE AT TEMPERATURES BELOW 120F.FOLLOW LABEL DIRECTIONS. FIRST AID: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES. INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC.

Label Street: 885 LOUIS DRIVE

Wednesday, July 26, 2000

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