



Material Safety Data Sheets

Division of Facilities Services

DOD Hazardous Material Information (ANSI Format) For Cornell University Convenience Only

02112 URSA SUPER PLUS SAE 30

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Section 1 - Product and Company Identification 02112 URSA SUPER PLUS SAE 30

Product Identification: 02112 URSA SUPER PLUS SAE 30

Date of MSDS: 03/21/1986 **Technical Review Date:** 03/31/1988

FSC: 9150 **NIIN:** LIIN: 00N009769

Submitter: N EN

Status Code: C

MFN: 01

Article: N

Kit Part: N

<http://msds.ehs.cornell.edu/msds/msdsdod/a329/m164026.htm>

Manufacturer's Information

Manufacturer's Name: TEXACO INC.
Post Office Box: 509
Manufacturer's Address1:
Manufacturer's Address2: BEACON, NY 12508
Manufacturer's Country: NK
General Information Telephone: (914) 831-3400 EXT 204
Emergency Telephone: (914) 831-3400 EXT 204
Emergency Telephone: (914) 831-3400 EXT 204
MSDS Preparer's Name: N/P
Proprietary: N
Reviewed: Y
Published: Y
CAGE: 38431
Special Project Code: N

Contractor Information

Contractor's Name: DIGITAL CONTROL SYSTEMS INC
Contractor's Address1: 3160 GRAND MARAIS E
Contractor's Address2: WINDSOR, N8W 4W5, ON 00000
Contractor's Telephone: NONE
Contractor's CAGE: 38431

Contractor Information

Contractor's Name: TEXACO INC
Post Office Box: 509
Contractor's Address1: UNKNOWN
Contractor's Address2: BEACON, NY 12508-0509
Contractor's Telephone: 914-831-3400
Contractor's CAGE: 7B131

Section 2 - Composition/Information on Ingredients
02112 URSA SUPER PLUS SAE 30

Ingredient Name: DIALKYLDITHIOPHOSPHORIC ACID: ZINC SALT
Ingredient CAS Number: 68649-42-3 **Ingredient CAS Code:** M
RTECS Number: RTECS Code: X
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:

% Text: 1-3.99

% Environmental Weight:

Other REC Limits: NOT KNOWN (FP N)

OSHA PEL: NOT KNOWN (FP N) OSHA PEL Code: M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: NOT KNOWN (FP N) ACGIH TLV Code: M

ACGIH STEL: N/P ACGIH STEL Code:

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Ingredient Name: SOLVENT-DEWAXED HEAVY PARRAFFINIC PETROLEUM DISTILLATES

Ingredient CAS Number: 64742-65-0 **Ingredient CAS Code:** M

RTECS Number: PY8038500 **RTECS Code:** M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 80-94.9

% Environmental Weight:

Other REC Limits: NOT KNOWN (FP N)

OSHA PEL: NOT KNOWN (FP N) OSHA PEL Code: M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: NOT KNOWN (FP N) ACGIH TLV Code: M

ACGIH STEL: N/P ACGIH STEL Code:

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview

02112 URSA SUPER PLUS SAE 30

Health Hazards Acute & Chronic: ACUTE:EYES-BELIEVED TO BE MINIMALLY IRRITATING.SKIN-BELIEVED TO BE MINIMALLY IRRITATING.RESP SYSTEM-BELIEVD TO BE MIN IRRI IF NOT IN EXCESS OF PERMISS CONC.CHRONIC:SKN-USED MOTOR OILS HVE CAUS SKN CAN CER IN LAB ANIM WHN REPEA APPLIED & LEFT IN PLAC BTWEEN APPLICATIONS.

Signs & Symptoms of Overexposure:

SEE HEALTH HAZARD SECTION (FP N).

Medical Conditions Aggravated by Exposure:

NOT KNOWN (FP N).

<http://msds.ehs.cornell.edu/msds/msdsdod/a329/m164026.htm>

LD50 LC50 Mixture: ORAL:BLIEVD TO BE >5G/KG (RAT) (SUP DAT)

Route of Entry Indicators:

Inhalation: N/P

Skin: N/P

Ingestion: N/P

Carcenogenicity Indicators

NTP: NO

IARC: NO

OSHA: NO

Carcinogenicity Explanation: NOT APPLICABLE (FP N)

Section 4 - First Aid Measures
02112 URSA SUPER PLUS SAE 30

First Aid:

EYE:FLUSH IMME W/LGE AMTS OF WTR FOR AT LEAST 15 MIN(FP N).SKIN:PROMPTLY WASH THOROUGHLY W/SOAP & WTR(FP N).INGESTION:CALL MD IMMED (FP N).INHALATION:RMV FROM EXPOSURE. SUPPORT BREATHING (GIVE O*2/ART IFICIAL RESPIRATION)(FP N).

Section 5 - Fire Fighting Measures
02112 URSA SUPER PLUS SAE 30

Fire Fighting Procedures:

EXPOSED CNTNR.IF LEAK/SPLL HAS NOT IGN;USE WTR SPRAY TO DISPERSE VAPORS & TO PROVIDE.

Unusual Fire or Explosion Hazard:

NONE

Extinguishing Media:

ACCORD TO NFPA GUIDE;USE WTR SPRY;DRY CHEM;FOAM;/CO*2.WTR/FOAM MAY CAUSE FROTHNG.USE WTR TO COOL FIRE-(SEE SPEC FF PROC)

Flash Point: Flash Point Text: 430F/221.11C

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): N/DETERMINED

Upper Limit(s): N/DETERMINED

Section 6 - Accidental Release Measures
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Spill Release Procedures:

CONTAIN SPILL IF POSSIBLE. WIPE UP/ABSORB ON SUITABLE MATERIAL & SHOVEL UP.

Section 7 - Handling and Storage

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Handling and Storage Precautions:**Other Precautions:**

Section 8 - Exposure Controls & Personal Protection
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Respiratory Protection:

NONE REQUIRED IF EXPOSURES ARE WITHIN PERMISSIBLE CONCENTRATIONS(MFR). NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:

ADEQUATE TO MEET PERMISSIBLE CONCENTRATIONS.

Protective Gloves:

PROTECTIVE GLOVES (FP N).

Eye Protection: CHEMICAL TYPE GOGGLES/FACE SHIELD OPTION

Other Protective Equipment: NOT KNOWN (FP N).

Work Hygienic Practices: EXPOS EMPLO SHLD EXER REAS PERSON CLEANLINESS;THS INCLU CLEANSNG EXPO SKN AREA SEV TIMES DAILY W/SOAP & WTR; & (SUP DAT)

Supplemental Health & Safety Information: RT OF ENTRY:FPN.OTHER PRECAU:KEEP CNTNR CLOSD & DRUM BUNGS IN PLACE.ACCORDING TO MFR.TLV OF PRODUCT IS 5MG/M3 OF AIR FOR MIN OIL MIST.WRK HYG PRAC:LAUND/DRY CLEAN SOIL WRK CLOTHING AT LEAST WEEKLY.LD5 0-LC50 MIX:DERML-BLIEVD TO BE >3G/KG(RAB)

Section 9 - Physical & Chemical Properties
02112 URSA SUPER PLUS SAE 30

HCC:

NRC/State License Number:

Net Property Weight for Ammo:

Boiling Point: Boiling Point Text: N/DETERMINE

Melting/Freezing Point: Melting/Freezing Text: N/K (FP N)

Decomposition Point: Decomposition Text: N/K (FP N)

Vapor Pressure: N/DETERMIN **Vapor Density:** N/DETERMIN

Percent Volatile Organic Content:

Specific Gravity: .8899

Volatile Organic Content Pounds per Gallon:

pH: N/APPL

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: NOT DETERMINED

Solubility in Water: NOT DETERMINED

Appearance and Odor: BRIGHT AND CLEAR

Percent Volatiles by Volume: N/DETE

Corrosion Rate: N/K-FP N

Section 10 - Stability & Reactivity Data
02112 URSA SUPER PLUS SAE 30

Stability Indicator: YES

Materials to Avoid:

NOT KNOWN (FP N)

Stability Condition to Avoid:

NOT KNOWN (FP N)

Hazardous Decomposition Products:

NOT KNOWN (FP N)

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

NOT KNOWN (FP N)

Section 11 - Toxicological Information
02112 URSA SUPER PLUS SAE 30

Toxicological Information:

N/P

Section 12 - Ecological Information
02112 URSA SUPER PLUS SAE 30

Ecological Information:

N/P

Section 13 - Disposal Considerations
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Waste Disposal Methods:

DISPOSE OF IN ACCORDING W/LOCAL, STATE, & FEDERAL REGULATIONS (FP N).
PRODUCT HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS & DOES NOT MEET
CRITERIA OF A HAZARDOUS WASTE IF DISCARDED IN ITS PURCHASED FO RM.

Section 14 - MSDS Transport Information
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Transport Information:

N/P

Section 15 - Regulatory Information
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SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Section 16 - Other Information
02112 URSA SUPER PLUS SAE 30

Other Information:

N/P

HMIS Transportation Information

Product Identification: 02112 URSA SUPER PLUS SAE 30

Transportation ID Number: 16377

Responsible Party CAGE: 38431

Date MSDS Prepared: 03/21/1986

Date MSDS Reviewed: 05/26/1988

MFN: 05/26/1988

Submitter: N TN

Status Code: C

Container Information

Unit of Issue: NK

Container Quantity: NK

Type of Container:

Net Unit Weight:

Article without MSDS: N

Technical Entry NOS Shipping Number:

Radioactivity:

Form:

Net Explosive Weight:

Coast Guard Ammunition Code:

Magnetism: N/P

AF MMAC Code:

DOD Exemption Number: N/R

Limited Quantity Indicator:

Multiple Kit Number: 0

Kit Indicator: N

Kit Part Indicator: N

Review Indicator: Y

Additional Data:

NOT REGULATED FOR SHIPMENT

Department of Transportation Information

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

DOT PSN Code: ZZZ

Symbols: N/R

DOT PSN Modifier:

Hazard Class: N/R

UN ID Number: N/R

DOT Packaging Group: N/R

Label: N/R

Special Provision(s): N/R

Packaging Exception: N/R

Non Bulk Packaging: N/R

Bulk Packaging: N/R

Maximum Quantity in Passenger Area: N/R

Maximum Quantity in Cargo Area: N/R

Stow in Vessel Requirements: N/R
Requirements Water/Sp/Other: N/R

IMO Detail Information

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO PSN Modifier:
IMDG Page Number: N/R
UN Number: N/R
UN Hazard Class: N/R
IMO Packaging Group: N/R
Subsidiary Risk Label: N/R
EMS Number: N/R
Medical First Aid Guide Number: N/R

IATA Detail Information

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA PSN Modifier:
IATA UN Id Number: N/R
IATA UN Class: N/R
Subsidiary Risk Class: N/R
UN Packaging Group: N/R
IATA Label: N/R
Packaging Note for Passengers: N/R
Maximum Quantity for Passengers: N/R
Packaging Note for Cargo: N/R
Maximum Quantity for Cargo: N/R
Exceptions: N/R

AFI Detail Information

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI Symbols:
AFI PSN Code: ZZZ
AFI PSN Modifier:
AFI UN Id Number: N/R
AFI Hazard Class: N/R
AFI Packing Group: N/R
AFI Label: N/R
Special Provisions: N/A
Back Pack Reference: N/A

HAZCOM Label Information

Product Identification: 02112 URSA SUPER PLUS SAE 30
CAGE: 38431
Assigned Individual: N
Company Name: DIGITAL CONTROL SYSTEMS INC
Company PO Box:
Company Street Address1: 3160 GRAND MARAIS E
Company Street Address2: WINDSOR, N8W 4W5, ON 00000 CN
Health Emergency Telephone: (914) 831-3400 EXT 204
Label Required Indicator: Y
Date Label Reviewed: 12/16/1998
Status Code: C

Manufacturer's Label Number:

Date of Label: 12/16/1998

Year Procured: N/K

Organization Code: G

Chronic Hazard Indicator: N/P

Eye Protection Indicator: N/P

Skin Protection Indicator: N/P

Respiratory Protection Indicator: N/P

Signal Word: N/P

Health Hazard:

Contact Hazard:

Fire Hazard:

Reactivity Hazard:

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