

LION OIL CO -- NOKORODE 731 CUTBACK

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MSDS Safety Information  
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FSC: 8030  
NIIN: 00-231-2345  
MSDS Date: 02/11/1991  
MSDS Num: BPRDM  
Product ID: NOKORODE 731 CUTBACK  
MFN: 03  
Responsible Party  
Cage: 96581  
Name: LION OIL CO  
Address: 1000 MC HENRY STREET  
City: EL DORADO AR 71730  
Info Phone Number: 501-862-8111  
Emergency Phone Number: 800-424-9300(CHEMTREC)  
Preparer's Name: V.C. BUCHANAN  
Review Ind: Y  
Published: Y

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Preparer Co. when other than Responsible Party Co.  
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Cage: 96581  
Name: LION OIL CO  
Address: LION OIL BLDG  
City: EL DORADO AR 71730

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Contractor Summary  
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Cage: 96581  
Name: LION OIL CO  
Address: LION OIL BLDG  
City: EL DORADO AR 71730  
Phone: 501-862-8111

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Item Description Information  
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Item Manager: GSA  
Item Name: CORROSION PREVENTIVE COMPOUND  
Specification Number: MIL-C-16173  
Type/Grade/Class: CL1 GR1  
Unit of Issue: GL  
UI Container Qty: 4

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Ingredients  
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Name: NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT  
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Health Hazards Data  
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Effects of Exposure: THIS PRODUCT IS AN IRRITANT, A SKIN HAZARD, AN EYE HAZARD,  
AND A TOXIC AGENT. TARGET ORGANS: BLOOD, NERVOUS SYSTEM, LUNGS, KIDNEYS.

Explanation Of Carcinogenicity: IARC STATES THERE IS INADEQUATE EVIDENCE  
THAT

BITUMENS ALONE ARE CARCINOGENIC TO HUMANS. HOWEVER IT STATES THAT \*

Signs And Symptoms Of Overexposure: EYE CONTACT: IRRITATION. SKIN CONTACT:  
IRRITATION AND DERMATITIS. INHALATION: IRRITATION, DIZZINESS, HEADACHES, AND  
NAUSEA.

Medical Cond Aggravated By Exposure: \*EXTRACTS OF STEAM-REFINED  
BITUMES,AIR-REFINED BITUMES/POOLED MIX OF STEAM/AIR-REFINED BITUMES CAN BE  
CARCINOGENIC TO EXPERIMENT ANIMALS WHEN PAINTED ON FREQUENTLY/EXPOSED OVER  
LONG PERIODS OF TIME.

First Aid: EYE CO

NTACT: FLUSH WITH WATER. CONTACT PHYSICIAN. SKIN CONTACT: WASH  
WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. USE ARTIFICIAL  
RESPIRATION IF NECESSARY. CONTACT PHYSICIAN.

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Handling and Disposal  
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Spill Release Procedures: SHUT OFF SOURCES OF IGNITION. SHUT OFF LEAK, IF  
POSSIBLE WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE, ABSORBENT  
MATERIAL.

Waste Disposal Methods

: DISPOSE OF AT APPROVED SITE, COMPLYING WITH ALL LOCAL,  
STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: DO NOT STORE NEAR STRONG OXIDANTS AND AVOID  
WATER CONTAMINATION. STAY UP WIND TO AVOID VAPORS. DO NOT STORE NEAR OPEN  
FLAMES.

Other Precautions: \*EXTRACTS OF STEAM-REFINED BITUMENS, AIR-REFINED BITUMENS  
AND POOLED MIXTURES OF STEAM AND AIR-REFINED BITUMENS CAN BE CARCINOGENIC TO  
EXPERIMENTAL ANIMALS (MICE) WHEN PAINTED ON THE ANIMALS FREQUENTLY AND  
EXPOSED OVER LO

NG PERIODS OF TIME.

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Fire and Explosion Hazard Information  
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Flash Point Method: PMCC

Flash Point Text: 100F,38C

Lower Limits: 0.5

Upper Limits: 6.0

Extinguishing Media: WATER, CARBON DIOXIDE, FOAM, DRY CHEMICAL

Fire Fighting Procedures: USE AIR SUPPLIED RESCUE EQUIPMENT. COOL EXPOSED  
CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: COMBUSTIBLE-DO NOT STORE NEAR STRONG OXIDANTS OR  
  
OPEN FLAME. SMOKE FROM FIRE MAY BE HAZARDOUS.

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Control Measures  
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Respiratory Protection: SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS.

Ventilation: GENERAL MECHANICAL WITH LOCAL EXHAUST; SUFFICIENT TO MAINTAIN  
EXPOSURE LEVELS BELOW RECOMMENDED TLV.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEMICAL-TYPE GOGGLES/FACE SHIELD

Work Hygienic Practices: USE GOOD INDIVIDUAL HO  
USEKEEPING AND PERSONAL HYGIENE  
TECHNIQUES.

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Physical/Chemical Properties  
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HCC: F4

B.P. Text: 300 TO 420F

Vapor Pres: 42 @ 100 F

Vapor Density: 4+ (AIR=1)

Spec Gravity: .91 (WATER=1)

Evaporation Rate & Reference: .16 (BU AC=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: BLACK LIQUID, HYDROCARBON SOLVENT ODOR.

Percent Volatiles by Volume: 44

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: DO NOT STORE NEAR OPEN FLAMES.

Materials To Avoid: DO NOT STORE NEAR STRONG OXIDANTS.

Hazardous Decomposition Products: H2S RELEASED WHEN HEATED. CO MAY BE FORMED  
WITH INCOMPLETE COMBUSTION.

Hazardous Polymerization Indicator: NO

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other In  
formation  
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HAZCOM Label  
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Product ID: NOKORODE 731 CUTBACK

Cage: 96581

Company Name: LION OIL CO

Street: LION OIL BLDG

City: EL DORADO AR

Zipcode: 71730

Health Emergency Phone: 800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautio

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EYE CONTACT: IRRITATION. SKIN CONTACT: IRRITATION AND DERMATITIS.

INHALATION: IRRITATION, DIZZINESS, HEADACHES, AND NAUSEA.

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