

KANO LABORATORIES -- SILIKROIL (AEROSOL) - PENETRATING OIL  
MATERIAL SAFETY DATA SHEET  
NSN: 9150012476313  
Manufacturer's CAGE: 13868  
Part No. Indicator: C  
Part Number/Trade Name: SILIKROIL (AEROSOL)

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General Information  
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Item Name: PENETRATING OIL  
Company's Name: KANO LABORATORIES  
Company's Street: 1000 S. THOMPSON LANE  
Company's City: NASHVILLE  
Company's State: TN  
Company's Country: US  
Company's Zip Code: 37211-2627  
Company's Emerg Ph #: 615-833-4101  
Company's Info Ph #: 615-833-4101  
Record No. For Safety Entry: 003  
Tot Safety Entries This Stk#: 005  
Status: SE  
Date MSDS Prepared: 28NOV89  
Safety Data Review Date: 02NOV95  
Supply Item Manager: CX  
MSDS Preparer's Name: F.R. ZIMMERMAN  
MSDS Serial Number: BXWFR  
Specification Number: NONE  
Spec Type, Grade, Class: NONE  
Hazard Characteristic Code: F1  
Unit Of Issue: CN  
Unit Of Issue Container Qty: 10 FL OZ  
Type Of Container: AEROSOL CAN  
Net Unit Weight: 0.6 LB  
NRC/State License Number: NOT RELEVANT

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Ingredients/Identity Information  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 01  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 02  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 03  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 04  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 05  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 06  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 07  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 08  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 09  
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Physical/Chemical Characteristics  
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Appearance And Odor: AEROSOL, SLIGHT REDDISH LIQUID - PLEASANT ODOR  
Boiling Point: 255F,124C

Melting Point: UNKNOWN  
Vapor Pressure (MM Hg/70 F): 1654 @ 72F  
Vapor Density (Air=1): UNKNOWN  
Specific Gravity: 0.88  
Decomposition Temperature: UNKNOWN  
Evaporation Rate And Ref: <1 (N-BUTYL ACETATE=1)  
Solubility In Water: NIL  
Percent Volatiles By Volume: 60  
Viscosity: UNKNOWN  
pH: 6.0  
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data  
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Flash Point: NONE FOR AEROSOL  
Extinguishing Media: USE CARBON DIOXIDE, FOAM/DRY CHEMICAL. DO NOT USE WATER.  
Special Fire Fighting Proc: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire And Expl Hazrds: INTENSIVE HEAT CREATED BY FIRE WILL CAUSE AEROSOLS TO BURST.

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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): TEMPERATURES ABOVE 120F, SUNLIGHT, OPEN FLAME, SPARKS  
Materials To Avoid: STRONG OXIDIZING AGENTS  
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data  
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LD50-LC50 Mixture: LD50 (ORAL, RAT) IS UNKNOWN.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: TARGET ORGANS:EYE, CNS, SKIN, RESPIRATORY & GI TRACTS. ACUTE- EYE:MAY CAUSE BURNING & IRRITATION. SKIN:DRYNESS & DEFATTING. INHALE:MAY CAUSE UPPER RESPIRATORY IRRITATION & CNS EFFECTS. ORAL:HARMFUL/FATAL IF INGESTED. MAY CAUSE VOMITING. ASPIRATION HAZARD. CHRONIC- MAY CAUSE DERMATITIS.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NONE  
Signs/Symptoms Of Overexp: IRRITATION, DISCOMFORT, TEARING, BLURRED VISION, COUGHING, SHORTNESS OF BREATH, DROWSINESS, CONFUSION, COMA, DEFATTING, DERMATITIS, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DIARRHEA  
Med Cond Aggravated By Exp: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CENTRAL NERVOUS SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.  
Emergency/First Aid Proc: GET MEDICAL HELP IF SYMPTOMS PERSIST.  
INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER.  
ORAL:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT ADMINISTER EPINEPHRINE OR ADRENALINE.

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Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. AVOID INHALING VAPORS. PICK UP SPILLS WITH INERT ABSORBENT MATERIAL SUCH AS SAND, CLAY, EARTH. PLACE IN A CLOSED CONTAINER FOR DISPOSAL. DO NOT FLUSH INTO SEWER.  
Neutralizing Agent: NOT RELEVANT  
Waste Disposal Method: BURY SATURATED ABSORBENT MATERIAL IN AN APPROVED LANDFILL. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.  
Precautions-Handling/Storing: STORE IN COOL PLACE AWAY FROM DIRECT SUNLIGHT, SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.  
Other Precautions: CAUTION! FLAMMABLE. CONTAINER UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120F (48.8C). WASH THOROUGHLY AFTER EACH USE. DO NOT SPRAY NEAR FIRE. AVOID CONTACT WITH EYES AND SKIN. DO NOT

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Control Measures  
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Respiratory Protection: IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: NITRILE IF CONTACT POSSIBLE

Eye Protection: SPLASH-PROOF GOGGLES

Other Protective Equipment: PROTECTIVE CLOTHINGS, EYE-WASH FACILITIES, SAFETY SHOWER.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. DO NOT EAT, DRINK OR SMOKE WHILE USING PRODUCT.

Suppl. Safety & Health Data: WARNING! FLAMMABLE. CONTAINS DIMETHYL ETHER.  
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Transportation Data  
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Trans Data Review Date: 97104

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: XXX

IMO Proper Shipping Name: SEE ADDITIONAL DATA FIELD IN HMIS FOR FURTHER INFORMATION

IATA PSN Code: ALS

IATA UN ID Number: 1950

IATA Proper Shipping Name: AEROSOLS, 30, \*

IATA UN Class: 2.1

IATA Label: FLAMMABLE GAS

AFI PSN Code: ALR

AFI Symbols: \*

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

AFI Class: 2.1

AFI ID Number: UN1950

AFI Basic Pac Ref: A6.3

N.O.S. Shipping Name: CONTAINS PETROLEUM DISTILLATES

Additional Trans Data: XXX: IMO PSN PER AMDT 28-96 IS "AEROSOL".  
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Disposal Data  
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Label Data  
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Label Required: YES

Technical Review Date: 02NOV95

MFR Label Number: NOT RELEVANT

Label Status: F

Common Name: SILIKROIL (AEROSOL)

Signal Word: DANGER!

Acute Health Hazard-Moderate: X

Contact Hazard-Moderate: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

Special Hazard Precautions: TARGET ORGANS: EYE, CNS, SKIN, RESPIRATORY & GI TRACTS. ACUTE- EYE: MAY CAUSE BURNING & IRRITATION. SKIN: DRYNESS. INHALE: MAY CAUSE UPPER RESPIRATORY IRRITATION & CNS EFFECTS. ORAL: HARMFUL/FATAL IF INGESTED. CHRONIC- MAY CAUSE DERMATITIS. STORE IN COOL PLACE AWAY FROM SOURCES OF IGNITION & INCOMPATIBLES. PICK UP SPILL WITH INERT ABSORBENT SUCH AS SAND. PLACE IN A CLOSED CONTAINER. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF WASH WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

Protect Eye: Y

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Label City: NASHVILLE

Label State: TN

Label Zip Code: 37211-2627

Label Country: US

Label Emergency Number: 615-833-4101