

KANO LABORATORIES INC -- AEROKROIL

=====
MSDS Safety Information
=====

FSC: 9150

NIIN: 00-905-1387

MSDS Date: 01/01/1996

MSDS Num: CCXQC

Product ID: AEROKROIL

MFN: 04

Responsible Party

Cage: 13868

Name: KANO LABORATORIES INC

Address: 1000 S THOMPSON LANE

City: NASHVILLE TN 37211-2627

Info

Phone Number: 615-833-4101

Emergency Phone Number: 615-833-4101

Preparer's Name: P.R. ZIMMERMAN

Proprietary Ind: Y

Published: Y

=====
Contractor Summary
=====

Cage: 13868

Name: KANO LABORATORIES, INC.

Address: 1000 S. THOMPSON LANE

City: NASHVILLE TN 37211-2627

Phone: 615-833-4101

=====
Item Description Information
=====

Item Name: PENETRATING OIL

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====
Health Hazards Data
=====

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity In

ds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE: BURNING AND IRRITATION. SKIN: DRYNESS. PROLONGED EXPOSURE MAY CAUSE DERMATITIS. INHALATION: MAY CAUSE HEADACHE, DIZZINESS, ANESTHESIA, NAUSEA AND UPPER RESPIRATORY IRRITATION. INGESTION: MAY CAUSE LUNG IRRITATION, NAUSEA, VOMITING AND DIARRHEA. HARMFUL OR FATAL IF SWALLOWED. CHRONIC: ANIMAL (EFFECTS OF OVEREXPOSURE)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptoms Of Overexposure: HEALTH HAZARD: STUDIES HAVE CLEARLY SHOWN DOSE

-RELATED ADVERSE EFFECTS ON THE CENTRAL NERVOUS SYSTEM, HEMATOPOIETIC TISSUES, BLOOD, KIDNEYS AND LIVER ASSOCIATED WITH THE ADMINISTRATION OF 2-BUTOXYETHANOL (EXTRACTED FROM DHHS (NIOSH) PUBLICATION NUMBER 90-118) (FP N).

Medical Condition Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYE: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. SKIN: WASH WITH MILD SOAP & WATER. APPLY CREAM. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF BREATHING STOPS GIVE

ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

INGESTION: CONTAINS HYDROCARBON SOLVENTS & PETRO OIL. DO NOT INDUCE VOMITING. CALL MEDICAL IMMEDIATELY. MINUTE AMOUNT ASPIRATED INTO LUNGS DURING INGESTION MAY CAUSE SEVERE PULMONARY DAMAGE. DO NOT ADMINISTER EPINEPHRINE OR ADRENALINE.

=====
Handling and Disposal
=====

Spill Release Procedures: WIPE UP IMMEDIATELY WITH ABSORBENT RAGS, SWEEPING COMPOUND OR OTHER ABSORBENT MATERIAL. REMOVE OR EXTINGUISH ALL FLAMES AND

SPARKS. DO NOT FLUSH INTO SEWER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: BURY SATURATED ABSORBENT IN APPROVED LANDFILL. DISPOSE OF AS ANY COMBUSTIBLE FUEL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: KEEP AWAY FROM EXCESSIVE HEAT, SPARKS AND OPEN FLAME. DO NOT TAKE INTERNALLY. DO NOT LEAVE CONTAINER OPEN. STORE IN COOL AREA.

Other Precautions: USE WITH PROPER VENTILATION. WEARING CONTACT LENSES IS NOT

ADVISABLE. IF SWALLOWED CAN ENTER LUNGS & MAY CAUSE CHEMICAL PNEUMONITIS. DO NOT ADMINISTER EPINEPHRINE OR ADRENALINE. KEEP AWAY FROM CHILDREN & ANIMALS. DO NOT PUNCTURE CONTAINERS.

=====
Fire and Explosion Hazard Information
=====

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N)

. USUAL PROCEDURE FOR SOLVENTS. TREAT AS A COMBUSTIBLE MATERIAL. DO NOT USE WATER.

Unusual Fire/Explosion Hazard: STORE AT ROOM TEMPERATURE. EXPOSURE TO DIRECT SUNLIGHT AND/OR TEMPERATURES OVER 120F MAY CAUSE CANS TO BURST. KEEP AWAY FROM IGNITION SOURCES AND OPEN FLAME.

=====
Control Measures
=====

Respiratory Protection: NIOSH APPROVED RESPIRATOR FOR VAPORS IF DESIRED.

Ventilation: LOCAL

EXHAUST: NORMAL LOCAL EXHAUST SYSTEM. MECHANICAL (GEN):
NORMAL VENTILATION IS SUFFICIENT. SPECIAL/OTHER:NONE REQD.

Protective Gloves: CHEMICALLY RESISTANT GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: USERS OF "L" VERSION SHOULD CONSULT "LR"
VERSION FOR ADDITIONAL INFORMATION (FP N).

=====
Physical/Chemical Properties
=====

HCC: V3

B.P. Text: 250F,121C

Spec Gravity: 0.88 (H*2O=1)

VOC Pounds/Gallon: 7.8

PH: 6-7

Solubility in Water: NIL

Appearance and Odor: AEROSOL, LIQUID, SLIGHT REDDISH COLOR; PLEASANT ODOR.

Percent Volatiles by Volume: 60

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Co

Condition To Avoid: HEAT, SPARKS, OPEN FLAME, STRONG OXIDANTS.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: THERMAL DECOMPOSITION IN THE PRESENCE OF AIR
MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

=====
Toxicological Information
=====

=====
Ecological Information
=====

=====
MSDS Transport Information
=====

=====
Regulatory Information
=====

=====
Other Information
=====

=====
HAZCOM Label
=====

Product ID: AEROKROIL

Cage: 13868

Company Name: KANO LABORATORIES, INC.

Street: 1000 S. THOMPSON LANE

City: NASHVILLE TN

Zipcode: 37211-2627

Health Emergency Phone: 615-833-4101

Label Required IND: Y

Date Of Label Review: 01/14/1997

Status Code: C

Label Date: 01/14/1997

Origination Code: G

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal

Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE. ACUTE: EYES: BURNING AND IRRITATION. SKIN:
DRYNESS. PROLONGED EXPOSURE MAY CAUSE DERMATITIS. INHALATION: MAY CAUSE
HEADACHE, DIZZINESS, ANESTHESIA, NAUSEA AND UPPER RESPIRATORY IRRITATION .
INGESTION: MAY CAUSE LUNG IRRITATION,NAUSEA, VOMITING AND DIARRHEA. HARMFUL
OR FATAL IF SWALLOWED. CHRONIC: ANIMAL STUDIES HAVE

CLEARLY SHOWN

DOSE-RELATED ADVERSE EFFECTS ON THE CENTRAL NERVOUS SYSTEM, BLOOD FORMING TISSUES, BLOOD, KIDNEYS AND LIVER ASSOCIATED WITH THE ADMINISTRATION OF 2-BUTOXYETHANOL (FP N).

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.