

KANO LABORATORIES INC -- AEROKROIL

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

FSC: 9150

NIIN: 00-905-1387

MSDS Date: 05/01/1994

MSDS Num: BYBZK

Product ID: AEROKROIL

MFN: 03

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: D.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: NO

Carcinogenicity Ind

s - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: 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. IF SWALLOWED, CAN (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptoms Of Overexposure: HLTH HAZ: ENTER LUNGS AND MAY CAUSE CH

EMICAL PNEUMONITIS. CHRONIC: ANIMAL STUDIES HAVE CLEARLY SHOWN DOSE-RELATED ADVERSE EFFECTS ON THE CNS, HEMATOPOIETIC TISSUES, BLOOD, KIDNEYS & LIVER ASSOCIATED WITH THE ADMINISTRATION OF 2-BUTOXYETHANOL (EXTRACTED FROM DHHS (NIOSH) PUBLICATION NO 90-118) (FP N).

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MIN. SKIN: WASH WITH MILD SOAP & WATER. APPLY SKIN CREAM. INHAL: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF BREATHING STOPS GIVE ARTIFICIAL RESPIRATION GET MEDICAL ATTENTION. INGEST: CONTAINS HYDROCARBONS & 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 COMPOUNDS 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. DO NOT ADMINISTER EPINEPHRINE OR ADRENALINE. KEEP AWAY FROM CHILDREN AND ANIMALS. DO NOT PUNCTURE CONTAINERS.

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

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). USUAL PROCEDUR

E FOR SOLVENTS. TREAT AS COMBUSTIBLE MATERIAL. DO NOT USE WATER.

Unusual Fire/Explosion Hazard: STORE AT ROOM TEMPERATURES. 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/MSHA APPROVED RESPIRATOR FOR VAPORS IF DESIRED.

Ventilation: NORMAL LOCAL EXHAUST SYSTEM. NORMAL VENTILATION IS SUFFICIENT.

Protective Gloves: CHEMICALLY RESISTANT GLOVES.

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

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

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

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

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

HCC: V3

B.P. Text: 250F, 121C

Vapor Pres: 1 @ 20C

Spec Gravity: 0.38 (H*2O=1)

PH: 6-7

Solubility in Water: NIL

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

Percent Volatiles by Volume: 50

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

Stability Indicator: YES

Stability 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
=====
=====
HAZC
OM 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: 07/14/1995
Status Code: C
Label Date: 07/14/1995
Origination Code: G
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Mode
rate
Contact Hazard: Moderate
Fire Hazard: Slight
Reactivity Hazard: None
Hazard And Precautions: TREAT AS COMBUSTIBLE MATERIAL. 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. CAN ENTER LUNGS IF
SWALLOWED AND MAY CAUSE CHEMICAL PNEUMONITIS. CHRONIC: ANIM

AL STUDIE S HAVE

CLEARLY SHOWN DOSE-RELATED ADVERSE EFFECTS TO THE CNS, BLOOD FORMING TISSUES, BLOOD, LIVER AND KIDNEY ASSOCIATED WITH THE ADMINISTRATION OF 2-BUTOXYETHANOL (EGBE) (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 th is information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.