

ZYNOLYTE PRODUCTS INC. -- AEROSOL SPRAY, HI TEMP, BLACK 0635 -- 8010-01-094-8426

=====
Product Identification
=====

Product ID:AEROSOL SPRAY, HI TEMP, BLACK 0635

MSDS Date:09/28/1989

FSC:8010

NIIN:01-094-8426

MSDS Number: BJYLT

=== Responsible Party ===

Company Name:ZYNOLYTE PRODUCTS INC.

Address:2320 E. DOMINGUEZ ST.

City:CARSON

State:CA

ZIP:90749-6244

Country:US

Info Phone Num:213-513-0700/800-4

24-9300

Emergency Phone Num:213-513-0700

CAGE:25461

=== Contractor Identification ===

Company Name:ZYNOLYTE PRODUCTS CO

Address:2320 E DOMINGUEZ ST

Box:6244

City:CARSON

State:CA

ZIP:90749

Country:US

Phone:310-513-0700

CAGE:25461

=====
Composition/Information on Ingredients
=====

Ingred Name:ALKYD RESIN

Other REC Limits:NONE SPECIFIED

Ingred Name:AMORPHOUS SILICA

CAS:112945-52-5

RTECS #:VV7310000

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3/15 MG/M3

ACGIH TLV:6 MG/M3/3 M

G/M3

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Other REC Limits:NONE SPECIFIED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:KAOLIN
CAS:1332-58-7
RTECS #:GF1670500
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:MEDIUM MINERAL SPIRITS(LAB STUDIES W/RATS HAVE SHOWN
PETROLEUM DISTILLATES CA
USE KIDNEY DAMAGE & KIDNEY OR LIVER TUMORS)
CAS:64475-85-0
RTECS #:PY8240000
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM

Ingred Name:METHYLENE CHLORIDE (SARA III)
CAS:75-09-2
RTECS #:PA8050000
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM/C,1000; Z2
ACGIH TLV:50 PPM, A2; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)
CAS:12001-26-2
RTECS #:VV8760000
Other REC Limits:NONE SPECIFIED
OSHA PEL:20 MPPCF
ACGIH TLV:3 MG/M3 RDUST; 9293

In

gred Name:NON-HAZARDOUS POLYMER
Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VM & P NAPHTHA
CAS:8030-30-6
RTECS #:DE3030000
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:300 PPM

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Other REC Limits:NONE SPECIFIED
OSHA PE
L:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:REPORTS ASSOCIATE OVEREXPOSURE TO
SOLVENTS WITH PERMANENT BRAIN AND NERVIIOUS SYSTEM DAMAGE. SHORTNESS
OF BREATH, MUSCULAR WEAKNESS, LOSS OF CORD. POSSIBLE KIDNEY DAMAGE,
LIVER T
UMORS, GASTRO-INTESTINA L DISRTRESS. NOSE AND THROAT
IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS AND EYE WATERING.
Explanation of Carcinogenicity:METHYLENE CHLORIDE IS LISTED AS A
CARCINOGEN.
Effects of Overexposure:INGESTION:GASTRO-INTESTINAL
DISTRESS.INHALATION:NOSE & THROAT IRRIT,CENTRAL NERVOUS SYSTEM
EFFECTS SUCH AS DIZZINESS,HEADACHE,NAUSEA,STAGGERING GAIT,CONFUSION
& UNCONSCIOUSNESS & EYE WATERING.EYE:IRRI T OR BURNING,CORROSIVE &
PERM INJURY.SKIN:IRRITATION W/DISCO

MFORT & DERMATITIS OR BURNS.CAN
BE ABSORBED IN HARMFUL AMTS.

Medical Cond Aggravated by Exposure:INCREASED RISK OF HEALTH PROBLEMS
IN HEAVY SMOKERS.

=====
===== First Aid Measures =====

First Aid:INGESTION:CALL A PHYSICIAN IMMEDIATELY & HAVE INGREDIENTS
AVAILABLE.DO NOT INDUCE VOMITING.INHALATION:REMOVE TO FRESH AIR.IF
NOT BREATHING GIVE ARTIFICIAL RESPIRATION,PREFERABLE MOUTH TO
MOUTH.IF BREA THING DIFFICULTY PERSISTS/OCCURS LATER,CONSULT

PHYSICIAN.EYE:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15
MIN.CALL A PHYSICIAN.SKIN:WASH WITH SOAP AND WATER.IF IRRITATION
OCCURS CONTACT A PHYSICIAN.

=====
===== Fire Fighting Measures =====

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:FULL PROTECT EQUIP,INCLUDING SCBA IS
RECOMMENDED.WATER MAY BE INEFFECT.WATER FROM FOG NOZZLES MAY BE
USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP.

Unusual Fire/Exp

losion Hazard:CONTENTS UNDER PRESSURE. KEEP AT ROOM
TEMPERATURE AS EXPOSURE TO SUNLIGHT OR OTHER HEAT MAY CAUSE CANS TO
BURST, PROPELLING CONTENTS ACROSS AREA.

=====
===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF IGNITION.
PREVENT SKIN CONACT AND BREATHING OF VAPORS. CONFINE AND REMOVE
WITH INERT ABSORBENT.

=====
===== Handling and Storage =====

Handling and Storage Precauti

ons:OBSERVE LABEL PRECAUTIONS.KEEP AWAY
FROM HEAT,SPARKS & FLAME. DO NOT STORE ABOVE 120F.DO NOT EXPOSE TO
DIRECT SUNLIGHT TO AVOID BURSTING.

Other Precautions:DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING
WITHOUT NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.
DO NOT PUNCTURE. DO NOT SPRAY NEAR FIRE OR OPEN FLAME.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:DO NOT BREATHE VAPORS OR MISTS.WEAR AN
APPROPRIATE,PROP

ERLY FITTED RESPIRATOR DURING AND AFTER APPLICATION
UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW
APPLICABLE LIMITS.FOLLOW RESPI RATOR MANUFACTURER'S DIRECTIONS FOR
USE.

Ventilation:PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO
KEEP CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS.

Protective Gloves:NEOPRENE GLOVES ARE RECOMMENDED.

Eye Protection:SAFETY GLASSES W/SPLASH GUARD/SIDESHIELD

Other Protective Equipment:COVERALLS ARE RECOMMENDED. PROTECTIVE CRE
AMS

MAY BE USED FOR EASE OF CLEAN-UP.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING AND SMOKING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:0F,-18C

Vapor Density:> AIR

Evaporation Rate & Reference:FASTER THAN ETHER

Solubility in Water:MODERATE,APPRECIABLE

Appearance and Odor:BLACK

Percent Volatiles by Volume:92

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:DO NOT STORE ABOVE 120F.

Hazardous Decomposition Products:CO, CO2, SMOKE, OXIDES OF HEAVY
METALS.

===== Disposal Considerations =====

Waste Disposal Methods:DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND
WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE WITH
FEDERAL, STATE AND LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED
CONTAINERS.

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.