

MITANN INC ZIP-CHEM PRODUCTS INC DIV OF ANDPAK INC -- D-5330 MOLY OIL SPRAY --
9150-00-163-9036

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

Product ID:D-5330 MOLY OIL SPRAY

MSDS Date:08/20/1990

FSC:9150

NIIN:00-163-9036

MSDS Number: BJNJG

=== Responsible Party ===

Company Name:MITANN INC ZIP-CHEM PRODUCTS INC DIV OF ANDPAK INC

Address:1860 DOBBIN DR

City:SAN JOSE

State:CA

ZIP:95133

Country:US

Info Phone N

um:408-729-0291

Emergency Phone Num:408-729-0291/800-424-9300(CHEMTREC)

Preparer's Name:DEAN DARWIN

CAGE:8E913

=== Contractor Identification ===

Company Name:ANDPAK-EMA INC, ZIP-CHEM PRODUCTS DIV

Address:400 JARVIS DR

Box:City:MORGAN HILL

State:CA

ZIP:95037

Country:US

Phone:408-782-2500/ 800-646-2661

CAGE:8E913

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

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: < 5% %

Other REC Limits:INSOLUBLE P

ER MANUFA
OSHA PEL:10 MG MO/M3
ACGIH TLV:10 MG MO/M3

Ingred Name:TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)
CAS:75-69-4
RTECS #:PB6125000
Fraction by Wt: 45%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:C, 1000 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)
CAS:75-71-8
RTECS #:PA8200000
Fraction by Wt: 45%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
EPA Rpt Qty:5000 L
BS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: TEMPORARY NERVOUS SYSTEM
DEPRESSION WITH ANESTHETIC EFFECTS. BREATHING EXTREMELY HIGH
CONCENTRATIONS OF THE VAPORS MAY LEAD TO NARCOSIS, CARDIAC
IRREGULARITIES, UNCONSCIOUSNESS OR DEATH. SK IN/EYE: IRRITATION.

PROLONGED OR REPEATED CONTACT TO SKIN MAY CAUSE DERMATITUS.
Explanation of Carcinogenicity:NONE OF THE COMPONENTS OF THIS PRODUCT
HAVE SHOWN ANY EVIDENCE OF CARCINOGENICITY.
Effects of Overexposure:INHALATION: DIZZINESS, HEADACHE OR NAUSEA,
CARDIAC IRREGULARITIES. SKIN/EYES: REDNESS, IRRITATION. PROLONGED
OR REPEATED CONTACT MAY CAUSE DERMATITUS.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN OR RESPIRATORY
CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

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== First Aid Measures =====

First Aid:VAPORS: REMOVE VICTIM FROM EXPOSURE AND RESTORE BREATHING. SEEK MEDICAL ATTENTION. DO NOT ADMINISTER EPINEPHRINE. EYE CONTACT: FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES AND SEEK MEDICAL ATTENTION. SKIN CONTACT: WASH AFFECTED AREA, TREAT FOR FROSTBITE IF NECESSARY, AND CONSULT A PHYSICIAN IF IRRITATION PERSISTS. INGESTION: PRODUCT NOT HAZARDOUS BY INGESTION. DO NOT INDUCE VOMITING.

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

Flash Point:NONE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT OR FIRE.

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

Spill Release Procedures:VENTILATE AREA. DO NOT FLUSH INTO SEWERS. COLLECT SPILL IN ABSORBENT MATERIAL AND PUT IN LEAK-PROOF STEEL DRUMS.
Neutralizing Agent:NONE SPECIFIED.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE CANS. DO NOT STORE NEAR HEAT, SPARKS OR FLAMES.
Other Precautions:DONOT BREATHE VAPORS. DO NOT GET INTO EYES OR ON SKIN. DO NOT TAKE INTERNALLY. KEPP OUT OF REACH OF CHILDREN. DO NOT SMOKE OR USE FLAME WHILE USING THIS PRODUCT.

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

Respiratory Protection:NOT NORMALLY REQUIRED. USE SELF CONTAINED BREATHING APPARATUS IF WORKING IN AN AREA WITH EXTREMELY HIGH VAPOR CONCENTRATIONS.
Ventilation:LOCAL OR MECHANICAL VENTILATION TO MAINTAIN LEVELS BELOW TLV.
Protective Gloves:BUTYL LINED ARE RECOMMENDED.
Eye Protection:CHEMICAL GOGGLES ARE REC

COMMENDED.

Other Protective Equipment:NONE SPECIFIED.

Work Hygienic Practices:USE IN WELL VENTILATED AREAS. DO NOT EAT, DRINK
OR SMOKE IN WORK AREA. WASH AFTER USING PRODUCT.

Supplemental Safety and Health

LAUNDRER CLOTHING BEFORE REUSE.

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

HCC:V2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:-10F,-23C

Vapor Density:>1

Spec Gravity:1.4

Evaporation Rate & Reference:>1 (ETHER = 1)

Solubility in Water:NEGLIGIBLE

Appearance and

Odor:CLEAR LIQUID WITH SOLVENT TYPE ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,
HALOGENATED ACIDS.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL LOCAL, STATE AND
FEDERAL REGULATIONS.

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