

PEABODY CORP. OMEGA CHEM. CO. -- ALLTREX 2 (422-4) -- 6850-00-543-7050

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Product Identification
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Product ID:ALLTREX 2 (422-4)

MSDS Date:05/01/1990

FSC:6850

NIIN:00-543-7050

MSDS Number: BHRKD

=== Responsible Party ===

Company Name:PEABODY CORP. OMEGA CHEM. CO.

Address:6935 W 62ND ST

City:CHICAGO

State:IL

ZIP:60638-3901

Country:US

Info Phone Num:312-586-8000

Emergency Phone Num:312-58

6-8000

CAGE:LO554

=== Contractor Identification ===

Company Name:MSCI LTD

Address:6935 W 62ND ST

Box:City:CHICAGO

State:IL

ZIP:60638-3901

Country:US

Phone:312-586-8000

CAGE:60672

Company Name:PEABODY CORP. OMEGA CHEM. CO.

Address:6935 W 62ND ST

Box:City:CHICAGO

State:IL

ZIP:60638-3901

Country:US

Phone:312-586-8000

CAGE:LO554

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Composition/Information on Ingredients
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Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 32%

OSHA PEL:1

MG/M3/3 STEL
ACGIH TLV:1 MG/M3/3 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:NITRIC ACID (SARA III)
CAS:7697-37-2
RTECS #:QU5775000
Fraction by Wt: 16%
OSHA PEL:2 PPM/4 STEL
ACGIH TLV:2 PPM/4 STEL; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: 0.2%
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192

Ingred Name:ZINC OXIDE
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 15%
OSHA PEL:15MG/M3 TDUST/5 FUME
AC
GIH TLV:10MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:PRODUCT WILL CAUSE BURNS ON CONTACT
WITH ANY PART OF THE SKIN OR EYES. IF INGESTED, CAN CAUSE SEVERE
BURNS TO TISSUE.
Explanation of Carcinogenicity:NICKEL IS LISTED AS A CARCINOGEN.
Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION.
MAY
CAUSE COUGHING, WHEEZING AND OTHER DIFFICULTIES IN BREATHING.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR.
CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER
FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP &
WATER. REMOVE CONTAMINATED CLOTHING/SHOES. INGESTION: DO NOT
INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

===== Fir

e Fighting Measures =====

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE FOG.

Fire Fighting Procedures:WILL NOT SUPPORT COMBUSTION BUT IS HIGHLY CORROSIVE.

Unusual Fire/Explosion Hazard:NONE STATED

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

Spill Release Procedures:ADD SAND,EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA. NUETRATIZE CAUTIOUSLY IWTH MILD BASE SAND OR SODA ASH.

Neutralizing Agent:SODA ASH

===== Handlin

g and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY AREA AWAY FROM YELLOW OR RED LABEL ITEMS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. CORROSIVE TO MILD STEEL AND ALUMINUM.

Other Precautions:THE CONTAINER MAY BE HAZARDOUS WHEN EMPTIED. EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUE. OBSERVE ALL LABELED HAZARD PRECAUTIONS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION

EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR DECISION LOGIC-PUBL ICATION NUMBER 87.108.

Ventilation:PROVIDE SUFFICIENT LOCAL EXHAUST VENTILATION TO CONTROL INHALATION EXPOSURES BELOW OSHA'S PEL.

Protective Gloves:NEOPRENE OR RUBBER

Eye Protection:SAFETY GOGGLES & FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTH

ING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

NONE

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

HCC:C1

Boiling Pt:B.P. Text:200F/93C

Vapor Density:>1

Spec Gravity:1.6

pH:2.4

Evaporation Rate & Reference: