

OMEGA CHEMICAL CORP -- 422-4;ALLTREX 2 -- 6850-00-543-7050

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

Product ID:422-4;ALLTREX 2

MSDS Date:05/01/1990

FSC:6850

NIIN:00-543-7050

MSDS Number: BFDPH

=== Responsible Party ===

Company Name:OMEGA CHEMICAL CORP

Address:6935 W.62ND STREET

City:CHICAGO

State:IL

ZIP:60638

Country:US

Info Phone Num:312-586-8000

Emergency Phone Num:312-586-8000

Preparer's Name:PAUL Z

ALANTIS

CAGE:3D863

=== Contractor Identification ===

Company Name:OMEGA CHEMICAL CORP

Address:620 NORTH AVE

Box:City:NEW ROCHELLE

State:NY

ZIP:10801-2614

Country:US

Phone:312-586-8000

CAGE:3D863

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

Ingred Name:NITRIC ACID (SARA III)

CAS:7697-37-2

RTECS #:QU5775000

Fraction by Wt: 16.0%

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:ZINC DIHYDROGEN PHOSPHATE

Fraction by W

t: >3.9%
Other REC Limits:NONE ESTABLISHED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

Ingred Name:PHOSPHATES (TYPE NOT SPECIFIED)
Fraction by Wt: >30%
Other REC Limits:NONE ESTABLISHED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

Ingred Name:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: >0.1%
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192

===== 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:ACUTE: CAN CAUSE BURNS TO EXPOSED
TISSUE. CHRONIC: IRRITATIONG TO UPPER RESPIRATORY TRACT.
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.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH PRE-EXISTING DISEASE INVOLVI
NG THE RESPIRATORY TRACT MAY BE
AT INCREASED RISK FROM EXPOSURE.

===== 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. IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK.
GIVE NOTH

ING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN.

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

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER
FOG.

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:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DE
COMPOSITION PRODUCTS.

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

Spill Release Procedures:DIKE AREA AND NEUTRALIZE. SCOOP UP OR VACUUM
UP. RINSE RESIDUAL TRACES WITH WATER.

Neutralizing Agent:SODA ASH

=====
Handling 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.

Other Precautions:AVOID CONTACT WITH EYES AND
SKIN.DO NOT BREATHE
VAPORS/ MIST.WASH THOROUGHLY AFTER EACH USE.

=====
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-PUBLICATION NUMBER 87.108.

Ventilation:PROVIDE SUFFICIENT LOCAL EXHAUST VENTILATION TO CONTROL
INHALATION EXPOSURES BELOW OSH
A'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 CLOTHING 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

DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS OR
MISTS. WASH HANDS AND FACE AFTER USE. K

EEP CONTAINER CLOSED WHEN
NOT IN USE.

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

HCC:C1
Boiling Pt:B.P. Text:200F,93C
Vapor Density:>1.0
Spec Gravity:1.6
pH:2.4 1%
Evaporation Rate & Reference:>1.0(WATER)
Solubility in Water:COMPLETE
Appearance and Odor:GREEN LIQUID,ACIDIC ODOR
Percent Volatiles by Volume:35

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

Stability Indicator/Materials to Avoid:YES
HYDROCARBONS AND ALKALIS
Stability Condit
ion to Avoid:HIGH TEMPERATURES
Hazardous Decomposition Products:NONE NOTED

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. LANDFILEE
SUITABLE AFTER PROPER NEUTRALIZATION.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United Sta
tes 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.