

VAN WATERS & ROGERS INC., SUBS. OF UNIVAR -- TRICRESYL PHOSPHATE KRONITEX --
6810-00-290-0050

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

Product ID:TRICRESYL PHOSPHATE KRONITEX

MSDS Date:01/10/1990

FSC:6810

NIIN:00-290-0050

MSDS Number: BNRFK

=== Responsible Party ===

Company Name:VAN WATERS & ROGERS INC., SUBS. OF UNIVAR

Address:2600 CAMPUS DRIVE

Box:5932

City:SAN MATEO

State:CA

ZIP:94403-2522

Country:U

S

Info Phone Num:415-573-8000

Emergency Phone Num:415-573-8000(CHEMTREC-800-424-9300)

CAGE:DO735

=== Contractor Identification ===

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

Company Name:VAN WATERS & ROGERS SUBSIDIARY OF UNIVAR

Address:6100 CARILLON POINT

City:KIRKLAND

State:WA

ZIP:98033

Country:US

Phone:425-889-3400

CAGE:DO735

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

Ci

ty:SAN JOSE
State:CA
ZIP:95131
Country:US
Phone:408-435-8700/800-424-9300(CHEMTREC)
CAGE:0AN91

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Composition/Information on Ingredients
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Ingred Name:TAR ACIDS, CRESYLIC,PHENYL,PHOSPHATE
CAS:68952-35-2
Fraction by Wt: >99%
Other REC Limits:NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 4680 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:
NO OSHA:NO
Health Hazards Acute and Chronic:VAPORS AND MISTS IRRITATE THE NOSE,
THROAT, MUSOUS MEMBRANES AND RESPIRATORY TRACT. LIQUID AND MIST MAY
IRRITATE THE EYES AND WITH PROLONGED CONTACT THE SKIN. NO SPECIFIC
INFORMATION IS AVAILABLE ON C HRONIC EFFECTS OF EXPOSURE.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE REPORTED

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First Aid Measures
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First Aid:INGEST: IMMEDIATELY GIVE SEVERAL GLASSES OF WATER BUT DO NOT
INDUCE VOMITING. SEE DR. SKIN: FLUSH ALL AFFECTED AREAS WITH PLENTY
OF WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS, SEE DR. EYE:
FLUS H WITH PLINTY OF RUNNING WATER FOR AT LEAST 15 MIN. SEE DR. IF
IRRITATION PERSISTS. INHALE: REMOVE TO FRESH AIR. SEE DR. IF
RESPIRATORY IRRITATION OCCURS OR IF BREATHING BECOMES DIFFICULT.

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Fire Fighting Measures
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Flash Point Method:PMCC
Flash Point:223F,106C
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE 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:EXTINGUISH ALL NEARBY SOURCES OF IGNITION
SINCE VAPORS DECOMP

OSE TO TOXIC PRODUCTS AT HIGH TEMPERATURES.

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

Spill Release Procedures:FOR SMALL SPILLS, SWEEP UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS. LARGE SPILLS, SHOVEL INTO DOT-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOIL.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:

STORE IN COOL, DRY, WELL VENTILATED

AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES. KEEP CONTAINERS CLOSED.

Other Precautions:CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

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

Respiratory Protection:WHERE ADEQUATE VENTILATION IS NOT AVAILABLE, USE NIOSH-APPROVED ORGANIC VAPOR RESPIRATORS WITH DUST, MIST AND FUME FILTERS TO REDUCE EXPOSURE.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA IS NOT VENTED.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:466F,241C

Vapor Pres:NIL

Spec Gravity:1.2

Evaporation Rate & Reference: