

DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE -- AROMATIC POLYISOCYANATE
910X407 KOROTHERM ACTIVATOR -- 8010-01-396-6795

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

Product ID:AROMATIC POLYISOCYANATE 910X407 KOROTHERM ACTIVATOR

MSDS Date:05/05/1997

FSC:8010

NIIN:01-396-6795

Status Code:A

MSDS Number: CLHXK

=== Responsible Party ===

Company Name:DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE

Address

:1608 4TH ST

City:BERKELEY

State:CA

ZIP:94710

Country:US

Info Phone Num:800-228-5635 /800-424-9300 CHEMTREC

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

CAGE:85570

=== Contractor Identification ===

Company Name:DESOTO INC PACIFIC PLANT IS COURTLANDTS AEROSPACE

Address:1608 4TH ST

Box:City:BERKELEY

State:CA

ZIP:94710

Country:US

Phone:800-228-5635 /800-424-9300 CHEMTREC

CAGE:85570

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

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Ingred Name:DIPHENYLMETHANE DIISOCYANATE

CAS:101-68-8

RTECS #:NQ9350000

= Wt:45.

OSHA PEL:C0.2 MG/M3;C0.02 PPM

ACGIH TLV:0.051 MG/M3;.005 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:POLYMERIC MDI

CAS:9016-87-9

RTECS #:TR0350000

= Wt:55.

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

Effects of Overexposure:DIPHENYL METHANE DIISOCYANATE EYES: MAY LEAD
TO IRRITATION WITH TEARING, THE WORKPLACE EXPOSURE LIMIT ARE MUCH
LOWER ARE MUCH LOWER THAN THE LEVELS

WHICH TYPICALLY CAUSES

IRRITATION, SO, EYE IRRITATION IS A STRONG INDICATION THAT ONE IS BEING OVEREXPOSED. SKIN: MINOR IRRITATION. ALLERGIC SENSITIVITY MAY OCCUR FOR SOME INDIVIDUALS. INHALATION: MAY CAUSE BREATHLESSNESS, SEVERE COUGHING, ETC. RESPIRATORY SENSITIZATION. POLYMERIC MDI EYES: MAY CAUSE BURNING, TEARING, REDDENING. POSSIBLE TRANSIENT CORNEAL INJURY. SKIN: PROLONGED EXPOSURE MAY CAUSE DRYING AND CRACKING OF THE SKIN. INGESTION: MAY CAUSE NAUSEA, VOMITING.

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First Aid Measures
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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. DO NOT USE SOLVENTS. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR CARDIOPULMONARY RESUSCITATION (CPR) IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:SCC
Flash Point:=-212.8C, 415.F
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM.
Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. COOL FIRE EXPOSED CONTAINERS WITH WATER. FOG NOZZLES ARE PREFERABLE. WEAR NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
Unusual Fire/Explosion Hazard:VAPORS MAY ACCUMULATE IN INADEQUATELY VENTILATED OR CONFINED AREAS. VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS MAY TRAVEL LONG DISTANCE. FLASHBACK OR FLAME TO THE HANDLING SITE MAY OCCUR. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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Accidental Release Measures
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Spill Release Procedures:PROTECT FROM IGNITION. WEAR AIR-SUPPLIED RESPIRATOR FOR UNVENTILATED SPILL. COVER WITH ABSORBENT MATERIAL,

ADD DECOMPOSITION SOLUTION AND ALLOW TO REACT FOR 10 MINUTES.
COLLECT IN CONTAINERS, ADD ADD ITIONAL DECOMPOSITION SOLUTION AND
KEEP LOOSELY COVERED FOR 48 HOURS.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. ISOLATE
FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND FLAME. DO NOT STORE
ABOVE 120 DEG F.

Other Precautions:EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS. DO NOT CUT,
PUNCTURE OR WELD

ON OR NEAR DRUM. VAPORS OF THIS PRODUCT ARE
HEAVIER THAN AIR AND MAY COLLECT IN LOW OR CONFINED AREAS.

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

Respiratory Protection:WHEN SPRAYING OR APPLYING IN ANY CIRCUMSTANCES
LIKELY TO PRODUCE AIRBORNE LEVEL OF HAZARDOUS INGREDIENTS IN EXCESS
OF TLV, USE AN ORGANIC VAPOR CARTRIDGE OR AIR SUPPLIED RESPIRATOR.

Ventilation:GENERAL VENTILATION TO MAINTAIN VAPORS BELOW TLV AND PEL.

Protective Gloves:SOLVENT RESISTANT GLO

VES

Eye Protection:GOGGLES OR FULL-FACE SHIELD.

Other Protective Equipment:AVOID SKIN CONTACT BY USE OF OTHER
PROTECTIVE CLOTHING. SAFETY SHOWER, EYE BATH AND WASHING FACILITIES
SHOULD BE AVAILABLE.

Supplemental Safety and Health

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

Boiling Pt:=-17.6C, 0.F

Vapor Density:> AIR

Spec Gravity:1.236

Appearance and Odor:LIQUD, SOLVENT ODOR

Percent Volatiles by Volume:0

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

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Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH WATER, ALCOHOLS AND AMINES.

Stability Condition to Avoid:NONE RECOGNIZED UNLESS NOTED BELOW.

Hazardous Decomposition Products:PRODUCTS IF COMBUSTION ARE HAZARDOUS
INCLUDING CARBON DIOXIDE AND CARBON MONOXIDE AND TRACES OF HCN AND
ISOCYANATE MONOMER.

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

Waste Disposal Methods:WHEN DISPOSING OF THIS MATERIAL, ENSURE THAT IT
IS PACKAGED, STORED, AN

D OTHERWISE MANAGED IN ACCORDANCE WITH
LOCAL, STATE AND FEDERAL REGULATIONS.

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