

REICHHOLD CHEMICALS INC -- UNSATURATED POLYESTER 31-001-00 -- 8040-00-633-8373

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Product Identification  
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Product ID:UNSATURATED POLYESTER 31-001-00

MSDS Date:11/10/1993

FSC:8040

NIIN:00-633-8373

MSDS Number: CBTBH

=== Responsible Party ===

Company Name:REICHHOLD CHEMICALS INC

Address:9 WOODLAWN GREEN SUITE 208

City:CHARLOTTE

State:NC

ZIP:28217

Country:US

Info Phone Num:800-334-5905

Emerg

ency Phone Num:800-424-9300 (CHEMTREC)

Preparer's Name:EISENHARD

CAGE:0DR81

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:REICHHOLD CHEMICALS INC

Address:9 WOODLAWN GREEN SUITE 208

Box:City:CHARLOTTE

State:NC

ZIP:28217

Country:US

Phone:800-424-9300 (CHEMTREC)

CAGE:0DR81

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Composition/Information on Ingredients  
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Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 5 GM/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:PROLONGED OR FREQUENT SKIN CONTACT MAY CAUSE DEFATTING AND DRYNESS RESULTING IN DERMATITIS. EYE CONTACT MAY CAUSE IRRITATION. INHALATION MAY CAUSE MUCOUS MEMBRANE IRRITATIO

N AND UPPER RESPIRATORY TRACT IRRITATION. LIQUID SPLASHES MAY RESULT IN MORE SERIOUS INJURY. INGESTION MAY CAUSE GI TRACT DISTURBANCES, PAIN.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:SKIN IRRITATION/DEFATTING/DRYNESS/DERMATITIS. EYE IRRITATION, TEARING. MUCOUS MEMBRANE IRRITATION, UPPER RESPIRATORY TRACT IRRITATION, GI TRACT DISTURBANCES, PA

IN,  
DISCOMFORT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCU

RS,  
KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:89.0F,31.7C

Lower Limits:1.10 %

Upper Limits:NOT GIVEN

Extinguishing Media:FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY, ANY CLASS B FIRE EXTINGUISHER.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH W

ATER.

Unusual Fire/Explosion Hazard:AT ELEVATED TEMPERATURES POLYMERIZATION MAY TAKE PLACE. POLYMERIZATION MAY CAUSE A VIOLENT RUPTURE OF THE CONTAINER. PRODUCT VAPORS MAY FORM EXPLOSIVE MIXTURE.

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES). VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID STORAGE ABOVE 100F. AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID INHALATION OF HEATED VAPORS OR SPRAY MISTS. AVOID IMPROPER MIXING.

Other Precautions:A PROMOTER AND CATALYST USE WITH THIS PRODUCT SHOULD ALWAYS BE MIXED SEPARATELY WITH THE PRODUCT AND NEVER MIXED TOGETHER.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES

Other

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F3

Boiling Pt.=146.1C, 295.F

Melt/Freeze Pt:M.P/F.P Text:N/G

IVEN  
Vapor Pres:NOT GIVEN  
Vapor Density:NOT GIVEN  
Spec Gravity:1.140  
Evaporation Rate & Reference:< 1 (N-BUTYL ACETATE=1)  
Solubility in Water:NOT GIVEN  
Appearance and Odor:AMBER LIQUID, PUNGENT ODOR  
Percent Volatiles by Volume:30-35%

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES,  
DIRECT SUNLIGHT  
Hazardous Decomposition Products:IR  
RITATING, ACRID FUMES  
Conditions to Avoid Polymerization:MAY OCCUR. AVOID ELEVATED  
TEMPERATURES.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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