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

Product ID:TURCO DY CHEK PENETRANT

MSDS Date:03/16/1987

FSC:6850

NIIN:01-266-4553

MSDS Number: BJKVC

=== Responsible Party ===

Company Name:TURCO PRODUCTS, INC.

Address:7300 BOLSA AVENUE

City:WESTMINISTER

State:CA

ZIP:92684-3600

Country:US

Info Phone Num:714-890-3600

Emergency Phone Num:614-387-6200

CAGE:0BYN5

=== Contractor Identification ===

Company Name:TU

RCO PRODUCTS, INC.

Address:7300 BOLSA AVE

Box:6200

City:WESTMINSTER

State:CA

ZIP:92684-3600

Country:US

Phone:614-387-6200

CAGE:0BYN5

Company Name:TURCO PUREX INDUSTRIES SUB OF PENNWALT CORP

Address:7300 BOLSA AVENUE

Box:City:WESTMINISTER

State:CA

ZIP:92683-5211

Country:US

Phone:614-387-6200

CAGE:1JD46

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

Ingred Name:DIBUTYL PHTHALATE (SARA III)

CAS:84-74-2

RTECS #:TI0875000

Fraction by Wt: 40%

Other REC Limits:NONE SPECIFIED

OS

HA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:AROMATIC PETROLEUM SOLVENT/PETROLEUM DISTILLATES (LISTED AS EYE IRRITANT ONLY)

CAS:8002-05-9
RTECS #:SE7449000
Fraction by Wt: 55%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1600 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:EYES:MODERATE TO S
EVERE
IRRITATION.SKIN:MODERATE TO SEVERE IRRITATION, DRYNESS,
DEFATTING.INHALATION:MODERATE TO SEVERE RESPIRATORY TRACT
IRRITATION,DIZZINESS,HEADACHE.INGESTION:SEVERE GASTROINTESTINA L
TRACT IRRITATION AND NAUSEA.
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:EYE:FLUSH W/WATER 15 MIN.IF IRRITATION PERSISTS,SEE A
DOCTOR.SKIN:FLUSH WITH COOL WATER.WASH WITH SOAP & WATER.IF
IRRITATION PERSISTS,
SEEK MEDICAL CARE.INHALED:REMOVE TO FRESH
AIR.GIVE CPR/OXYGEN IF N ECESSARY.CALL A PHYSICIAN.INGESTED:DON'T
INDUCE VOMITING.GIVE LARGE AMOUNTS OF MILK OR WATER AND GET
IMMEDIATE MEDICAL CARE.GIVE NOTHING BY MOUTH IF UNCONSCIOUS.IF
VOMITING OCCURS,KEEP HEAD BELOW HIP.

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

Flash Point Method:TCC
Flash Point:140F,60C
Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:FIRE FIGHTERS SHO

ULD 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:NONE

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

Spill Release Procedures:CONTAIN SPILLAGE.STOP LEAK AT SOURCE IF THIS
CAN BE DONE SAFELY.VENTILATE AREA.EVACUATE NONESSENTIAL
PERSONNEL.PUMP LIQUID INTO DOT-APPROVED DRUMS FOR DISPOSAL.ABSORB
REMAINING LIQUID INTO INERT ABSORBENT.

WASH AREA (WATER) & COLLECT
WASHING

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A DRY AREA AWAY FROM STRONG
OXIDIZING AGENTS.KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.
PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:RINSE WATER MAY BE TREATED BY NEUTRALIZING,ALLOWING
TO STAND AND SKIMMING OFF SEPARATED SOLVENT AND SOIL.RESIDUAL
ORGANIC MATTER MAY BE REMOVED BY OXIDATION

AND/OR CARBON

TREATMENT.KEEP CONCENTRATE & WASH WATER FROM ENTERING
SEWER/WATERWAYS

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

Respiratory Protection:USE NIOSH-APPROVED SELF-CONTAINED BREATHING
APPARATUS WITH A FULL FACE PIECE AND BE OPERATED IN A POSITIVE
PRESSURE MODE.IN AREAS OF GOOD VENTILATION,A FULL FACE MASK WITH AN
ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE USED.

Ventilation:MAINTAIN SUFFICIENT MECHANICAL VENTILATION TO KEEP
CONCENTRA

TION BELOW TLV.

Protective Gloves:NEOPRENE, NITRILE, VPC OR NATURAL RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH HANDS & FACE BEFORE EATING.IMMEDIATELY
REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE USE.DON'T LAUNDER
AT HOME.

Supplemental Safety and Health

DISCARD CONTAMINATED SHOES.TO REPAIR CONTAMINATED EQUIPMENTS,RELIEVE
PRESSURE.

COVER OPENINGS TO AVOID SPURTING.CLEAN EXTERIOR AND INTERIOR BY FLUSHING WITH SOLVENT.COLLECT FLUSHINGS FOR DISPOSAL.USE A PPROPRIATE PROTECTIVE EQUIPMENT.THE SETCONSISTS OF ONE 1 GALLON CAN OF PENETRANT & ONE 1 GALLON CAN OF EMULSIFIER.

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

HCC:F4

Boiling Pt:B.P. Text:370F,188C

Vapor Pres:1

Spec Gravity:0.89

Evaporation Rate & Reference: