

TURCO PRODUCTS INC SUB ELF ATOCHEM NORTH AMERICA -- FLURO-CHEK P-41H1 PENETRANT  
-- 6850-01-268-6719

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

Product ID:FLURO-CHEK P-41H1 PENETRANT

MSDS Date:10/18/1991

FSC:6850

NIIN:01-268-6719

MSDS Number: BRQSJ

=== Responsible Party ===

Company Name:TURCO PRODUCTS INC SUB ELF ATOCHEM NORTH AMERICA

Address:7300 BOLSA AVE

City:WESTMINSTER

State:CA

ZIP:92684-3600

Country:

US

Info Phone Num:714-890-3600

Emergency Phone Num:614-387-6200

Preparer's Name:FRANK FANTOZZI

CAGE:61102

=== Contractor Identification ===

Company Name:TURCO PRODUCTS, INC. DIVISON OF ELF ATOCHEM NORTH AMERICA

Address:2000 MARKET ST

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Phone:215-419-7890

CAGE:61102

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

Ingred Name:HEAVY AROMATIC NAPHTHA

CAS:64742-94-5

RTECS #:WF3100000

Fraction by Wt: 25%

Other REC Limits:NON

E RECOMMENDED

Ingred Name: DISTILLATES, ACID-TREATED HEAVY NAPHTHENIC  
CAS: 64742-18-3  
RTECS #: PY8032000  
Fraction by Wt: 25%  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM

Ingred Name: DIPROPYLENE GLYCOL DIBENZOATE  
CAS: 94-51-9  
RTECS #: UB8787500  
Other REC Limits: NONE RECOMMENDED

Ingred Name: SEC-OCTYL EPOXYTALLATE  
CAS: 61789-01-3  
RTECS #: LH8020000  
Other REC Limits: NONE RECOMMENDED

Ingred Name: EPOXIDIZED SOYBEAN OIL  
CAS: 8013-07-8  
RTECS #: LH8010000  
Other REC Limits: NONE RECOMMENDED

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

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO  
Health Hazards Acute and Chronic: ACUTE: INHALATION MAY CAUSE  
RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS. CONTACT  
MAY CAUSE SKIN AND EYE IRRITATION. INGESTION MAY CAUSE GI TRACT  
IRRITATION. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE  
KIDNEY AND LIVER DAMAGE; CENTRAL NERVOUS SYSTEM DEPRESSION.  
Explanation of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure: INHALED: COUGHING, SHORTNESS OF BREATH, NAUSEA,  
DIZZINESS, HEADACHE. EYES: REDNESS, TEARING, BURNING SENSATION,  
BLURRED VISION. SKIN: REDNESS, BURNING SENSATION, DISCOMFORT.  
INGESTED: NAUSEA, DIARRHEA, VOMITING.  
Medical Condition Aggravated by Exposure: REPEATED EXPOSURE MAY AGGRAVATE  
PREEXISTING DYSFUNCTION

F LIVER, KIDNEY AND CENTRAL NERVOUS SYSTEM.

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First Aid Measures  
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First Aid:INHALED: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. SEE DOCTOR. EYES: FLUSH WITH WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER.SEE DOCTOR IF BLISTERING DEVELOPS. INGESTED: DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE LARGE VOLUMS OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point Method:PMCC  
Flash Point:210F,99C  
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill Release Procedures:CONTAIN SPILLAGE. STOP LEAK AT SOURCE IF CAN BE DONE AT NO RISK. NONESSENTIAL PERSONNEL SHOULD BE EVACUATED.  
SALVAGE IF POSSIBLE; ABSORB WHAT CANNOT BE SALVAGED WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL. KEEP OUT OF WATERWAYS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY PROTECTED AREA AWAY FROM STRONG OXIDIZING AGENTS AND STRONG MINERAL ACIDS.  
Other Precautions:MIXING: AVOID SPLASHING. USE APPROPRIATE PROTECTIVE EQUIPMENT. REPAIR & MAINTENANCE: RELIEVE ANY PRESSURE. COVER OPENINGS. CLEAN EXTERIOR AND INTERIOR. COLLECT FLUSHINGS FOR DISPOSAL. USE PROTECTIVE EQUIPMENT.

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Exposure Controls/Personal Protection  
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Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.  
Ventilation:USE ADEQUATE MECH

ANICAL VENTILATION TO MAINTAIN EXPOSURE  
BELOW PEL/TLV.

Protective Gloves:NEOPRENE, VITON

Eye Protection:SAFETY GLASSES

Other Protective Equipment:BOOTS, APRON OF NEOPRENE OR VITON IF  
SPLASHING OCCURS. HMIS: EYE WASH STATION & SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

DISCARD SHOES THAT BECOME CONTAMINATED ON THE INTERIOR. HMIS TECNICIAN  
UN

SURE IF THIS MSDS " CORRECT" MSDS FOR ITEM OF SUPPLY. MSDS WAS  
PROVIDED BY BY MAUFACTURER FOR A CONTRACT WITH PART A FOR THIS N  
SN; CTDF/PARTSMASER DO NOT INDICATE A KIT.

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

HCC:N1

Boiling Pt:B.P. Text:500F,260C

Vapor Pres:1 MM HG

Vapor Density:>1 (AIR=1)

Spec Gravity:0.98 (WATER=1)

Evaporation Rate & Reference: