

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

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===== 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

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

Ingred Name:HEAVY AROMATIC NAPHTHA

CAS:64742-94-5

RTECS #:WF3100000

Fraction by Wt: 25%

Other REC Limits:NO

NE 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 Cond Aggravated by Exposure: REPEATED EXPOSURE MAY AGGRAVATE  
PREEXISTING DYSFUNCTION

OF 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 MECHANICAL

HANICAL 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  
U

NSURE 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: