

TURCO PRODUCTS INC SUB ELF ATOCHEM NORTH AMERICA -- FLUORO-CHEK E-41 EMULSIFIER
-- 6850-01-268-6719

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

Product ID:FLUORO-CHEK E-41 EMULSIFIER

MSDS Date:09/13/1991

FSC:6850

NIIN:01-268-6719

MSDS Number: BRMGW

==== 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:NONYLPHENOL POLYETHOXATE

CAS:9016-45-9

RTECS #:MD0900000

Fraction by Wt: 35%

Other REC Limits:NO

NE RECOMMENDED

Ingred Name:GLYCOLS, POLYETHYLENE, MONO(P-(1,1,3,3-TETRAMETHYL BUTYL)PHENYL) ETHER (TRITON X)

CAS:9002-93-1

RTECS #:MD0907700

Fraction by Wt: 15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER

CAS:112-34-5

RTECS #:KJ9100000

Fraction by Wt: 50%

Other REC Limits:NONE RECOMMENDED

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

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

Reports of Carcinogenicity:NTP:NO IAR

C:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE IRRITATION OF RESPIRATORY SYSTEM. CONTACT WITH SKIN AND EYES MAY CAUSE IRRITATION. INGESTION MAY CAUSE GI TRACT IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

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, SNEEZING, SHORTNESS OF BREATH, TIGHTNESS IN CHEST, CHEST PAIN, S

ORE THROAT. EYES: REDNESS,

TEARING, BURNING SENSATION OR PAIN, BLURRED VISION. SKIN: REDNESS, BURNING SENSATION, DISCOMFORT. INGESTED: NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. SEE DOCTOR IF SYMPTOMS PERSIST. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: REMOVE CONTAMINATED

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LOTHERS. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING EXCEPT ON ADVICE OF MEDICAL PERSONNEL. IF CONSCIOUS, GIVE LARGE AMOUNT WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:230F,110C

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND BUNKER GEAR.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:CONFINE SPILL. STOP LEAK IF CAN BE DONE AT NO PERSONAL RISK. ABSORB WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL. FLUSH RESIDUE TO SEWER IF LOCAL REGULATIONS PERMIT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, PROTECTED PLACE AWAY FROM STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, AND STRONG ALKALIS.

Other Precautions:MIXING: CAREFULLY ADD TO WATER WHILE MIXING, TAKING CARE TO AVOID SPLASHING. USE APPROPRIATE SAFETY EQUIPMENT TO ELIMINATE POSSIBILITY OF SKIN OR EYE CONTACT. MAKE ADDITIONS TO IN-USE TANKS SLOWLY AND CAUTIOUSLY.

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

Respiratory Protection:IF ENGINEERING OR ADMINISTRATIVE 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 VENTILATION TO MAINTAIN EXPOSURE BELOW TLV/PEL.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

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

SE.
Supplemental Safety and Health

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

HCC:N1
Boiling Pt:B.P. Text:450F,232C
Vapor Pres:1 MM HG
Vapor Density:>1(AIR=1)
Spec Gravity:1.01 (WATER=1)
Evaporation Rate & Reference: