

ELF ATOCHEM NORTH AMERICA. -- TURCO 4460 (BMS 11-7F) -- 6850-01-406-0408

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Product Identification  
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Product ID:TURCO 4460 (BMS 11-7F)

MSDS Date:06/04/1998

FSC:6850

NIIN:01-406-0408

Status Code:A

MSDS Number: CJHHN

=== Responsible Party ===

Company Name:ELF ATOCHEM NORTH AMERICA.

Address:2375 STATE ROAD

City:CORNWELLS HEIGHTS

State:PA

ZIP:19020

Country:US

Info Phone Num:215-245-3128

Emerge

ncy Phone Num:215-245-3128

Preparer's Name:JOHN F. GRAINGER, DIR T/S

Chemtrek Ind/Phone:(800)424-9300

CAGE:02BJ0

=== Contractor Identification ===

Company Name:ELF ATOCHEM NORTH AMERICA INC

Address:2375 STATE ROAD

Box:City:BENSALEM

State:PA

ZIP:19020

Country:US

Phone:215-245-3128

CAGE:02BJ0

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

Contract Num:SP0450-99-M-C334

CAGE:611

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Composition/Information on Ingredients  
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Ingred Name:ETHYL ACETATE (CERCLA)

CAS:141-78-6

RTECS #:AH5425000

= Wt:20.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

= Wt:10.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

= Wt:30.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:2-BUTANONE

CAS:78-93-3

RTECS #:EL6475000

= Wt:20.

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:590 MG/M3;200 PPM

ACGIH STEL:885 MG/M3;300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:LIGHT ALIPHATIC NAPHTHA

CAS:64742-89-8

Code:F

= Wt:20.

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Hazards Identification  
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LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT

AS A WHOLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:CONTACT WITH EYES MAY CAUSE MODERATE TO SEVERE IRRITATION. CONTACT WITH SKIN MAY CAUSE MODERATE TO SEVERE IRRITATION, DRYING, DEFATTING, READILY ABSORBED THROUGH SKIN IN TOXIC AMOUNTS. INHALATION OF MIST OR VAPORS MAY CAUSE MODERATE TO SEVERE RESPIRATORY IRRITATION, DIZZINESS, HEACHE, SOME NARCOSIS, POSSIBLE LUNG DAMAGE. I

NGESTION MAY CAUSE MODERATE TOSEVERE IRRITATION OF THE GASTROINTESTINAL TRAC T, NAUSEA. CHRONIC: OVEREXPOSURE MAY LEAD TO CNS DEPRESSION. PROLONGED OR REPEATED EXPOSURE MAY CAUSE KIDNEY & LIVER DAMAGE.

Explanation of Carcinogenicity:CARCINOGENS: NONE (AS DEFINED IN 29 CFR 1910-1200 APPENDIX A(1))

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, DRYING, DEFATTING, RESPIRATORY TRACT IRRITATION, DIZZINESS, HEADACHE, POSSIBLE NARCOSIS, NAUSEA, POSSIBLE LUNG DAMAGE, GI TRACT IRRITATION, NAUSEA.

Medical Cond Aggravated by Exposure:REPEATED OVEREXPOSURE MAY AGGRAVATE ANY PREEXISTING DYSFUNCTION OF KIDNEY AND/OR LIVER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: FLUSH WITH WATER. IF IRRITATION EVIDENT OR BLISTERS OCCUR, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRE SH AIR. GIVE ARTIFICIAL RESPIRATION IF BREA THING STOPPED. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING EXCEPT ON ADVICE OF COMPETENT MEDICAL PERSONNEL. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. IF CONSCIOUS, GIVE VICTIM WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC  
Flash Point:=-3.9C, 25.F  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY

CHEMICAL.

Fire Fighting Procedures:USE SELF-CONTAINED RESPIRATORY PROTECTION.

Unusual Fire/Explosion Hazard:VAPORS FROM THIS PRODUCT ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND TO BE IGNITED AT A POINT REMOTE FROM MATERIAL HANDLING AREA.

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

Spill Release Procedures:CONTAIN SPILL. STOP LEAK AT SOURCE IF CAN BE DONE SAFELY. VENTILATE AREA. PUMP INTO DOT-APPROVED DRUMS FOR DISPOSAL. ABSORB REMAINING LIQUID ONTO INERT ABSORBENT AND PLACE IN DOT-APPROVED DRUMS FOR DI SPOSAL. WASH AREA WITH WATER. KEEP OUT OF SEWERS. COLLECT WASHINGS AND PLACE IN DOT-APPROVED CONTAINERS FOR DISPOSAL. NON-ESSENTIAL PERSONNEL SHOULD LEAVE SPILL AREA UNTIL CLEAN-UP FINISHED.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN DRY PROTECTED AREA AWAY FROM STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES. METAL CONTAINERS SHOULD BE FITTED WITH GROUND WIRE.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN FLAMMABLE VAPORS IN DANGEROUS AMOUNTS. CONTAMINATED WIPE CLOTHS SHOULD BE COLLECTED IN COVERED METAL CONTAINERS TO MINIMIZE POSSIBILITY OF SPONTANEOUS COMBUSTION. USE PROTE CTIVE EQUIPMENT FOR EYES, SKIN AND INHALATION.

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

Respiratory Protection:IF TLV IS EXCEEDED, A NIOSH-APPROVED SELF-CONTA INED BREATHING APPARATUS, POSITIVE PRESSURE HOSE MASK OR AN AIR LINE MASK IS ADVISED. THESE SHOULD HAVE A FULL FACE PIECE & BE OPERATED IN A POSITIVE PRE SSURE MODE. FOR LIMITED EXPOSURE TIME, IN AREAS OF GOOD VENTILATION, A FULL FACE MASK WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE USED. CONTINUED BELOW.

Ventilation:MAINTAIN SUFFICIENT MECHANICAL VENTILATION TO KEEP CONCENTRATION BELOW TLV.

Protective Gloves:NEOPRENE, VITON ETC GLOVES.

Eye Protection:FACE SHIELD, GOGGL

ES.

Other Protective Equipment:BOOTS AND APRON OF SOLVENT RESISTANT MATERIAL (E.G. NEOPRENE, VITON, ETC). PROTECTIVE SUIT NOT NORMALLY REQUIRED.

Work Hygienic Practices:WASH HANDS AND FACE WITH SOAP AND WATER BEFORE SMOKING OR EATING. IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING. LAUNDRY SEPARATELY BEFORE REUSE.

Supplemental Safety and Health

RESPIRATORY CONTINUED: THESE MUST NOT BE USED IN ANY AREAS WHERE A DANGER OF OXYGEN DEFICIENCY EXISTS, SUCH AS PARTLY ENCLOSED OR LOW

LYING AREAS, INCLUDING SUMPS OR TANKS. IF RESPIRATORS ARE USED, A FORMAL TRAINING AND SCREENING PROGRAM MUST BE INITIATED. SEE 29 CFR 1910.134.

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

HCC:F2

Boiling Pt:=76.7C, 170.F

Vapor Density:> 1

Spec Gravity:0.81

VOC Pounds/Gallon:810

Evaporation Rate & Reference:> 1 (BUTYL ACETATE=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:WATER-WHITE CLEAR LIQUID, ESTER/KETONE ODOR.

Percent Volatiles by Volume:100

%

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, STRONG ALKALIES, STRONG OXIDIZERS.

Stability Condition to Avoid:CONTACT WITH STRONG ACIDS, STRONG ALKALIES, STRONG OXIDIZERS.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, DIOXIDE AND OTHER TOXIC VOLATILE ORGANIC COMPOUNDS.

===== Toxicological Information =====

Toxicological Information:NO

NE SPECIFIED BY MANUFACTURER.

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Ecological Information  
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Ecological:NONE SPECIFIED BY MANUFACTURER.

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Disposal Considerations  
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Waste Disposal Methods:TRANSFER TO RECLAIMING CENTER FOR RECYCLING OR REUSE, IF POSSIBLE. TRANSFER TO LICENSED HAZARDOUS WASTE TREATMENT OR DISPOSAL SITE FOR DISPOSITION UNDER APPLICABLE LOCAL, STATE AND REGIONAL REGULATIONS AS HAZARDOUS WASTE.

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MSDS T  
Transport Information  
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Transport Information:DOT PROPER SHIPPING NAME: FLAMMABLE LIQUID, N.O.S. (TOLUENE, ETHYL ACETATE); HAZARD CLASS: 3; ID NUMBER: UN1993.

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Regulatory Information  
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SARA Title III Information:SARA REPORTABLE COMPONENTS: 2-BUTANONE, CAS# 78-93-3, 20%; TOLUENE, CAS# 108-88-3, 30%.

Federal Regulatory Information:CERCLA RQ: ETHYL ACETATE-5000 LBS; 2-BUTANONE-5000 LBS; TOLUENE-1000 LBS. RCRA NUMBER: ETHYL

ACETATE-U112; 2-BUTANONE-U159; TOLUENE-U220.

State Regulatory Information:THIS PRODUCT AND/OR THE CONTAINER IT IS PACKAGED IN CONTAIN COMPONENTS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, REPRODUCTIVE DAMAGE OR BIRTH DEFECTS. THIS MSDS COMPLIES WITH THE COMMUNITY RIGHT-TO-KNOW LAWS OF CERTAIN STATES, INCLUDING PENNSYLVANIA AND NEW JERSEY.

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Other Information  
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