

ELF AUTOCHEM NORTH AMERICA,TURCO PRODUCTS,INC. -- TURCO 5805 -- 6850-01-231-8677

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Product Identification
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Product ID:TURCO 5805

MSDS Date:07/24/1997

FSC:6850

NIIN:01-231-8677

MSDS Number: CJSNH

=== Responsible Party ===

Company Name:ELF AUTOCHEM NORTH AMERICA,TURCO PRODUCTS,INC.

Address:2375 STATE ROAD

City:CORNWELLS HEIGHTS

State:PA

ZIP:19020

Country:US

Info Phone Num:215-419-7890/92

E

mergency Phone Num:215-419-7890

Preparer's Name:NOT PROVIDED.

Chemtec Ind/Phone:(800)424-9300

CAGE:TO314

==== Contractor Identification ====

Company Name:AMJAY CORP. DBA AMJAY CHEMICALS

Address:11200 WESTHEIMER SUITE 310

Box:218786

City:HOUSTON

State:TX

ZIP:77218-8786

Country:US

Phone:713-492-2000

Contract Num:SP0450-00-M-SA45

CAGE:64184

Company Name:AMJAY CORP. DBA AMJAY CHEMICALS

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Box:218786

City:HOUSTON

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tract Num:SP0450-99-M-C018

CAGE:64184

Company Name:ELF AUTOCHEM NORTH AMERICA,TURCO PRODUCTS,INC.

Address:2375 STATE ROAD

Box:City:CORNWELLS HEIGHTS

State:PA

ZIP:19020

Country:US

Phone:215-419-7890/92

CAGE:TO314

Company Name:SIGMA TECH ENTERPRISES INC

Address:90 GLEN WAY SUITE 16

Box:City:SAN CARLOS

State:CA

ZIP:94070

Country:US

Phone:415-591-2510

Contract Num:SP0450-99-M-NC61

CAGE:04KF9

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

Ingred Name:HEXYLENE GLYCOL

CAS:107-41

-5

RTECS #:SA0810000

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NONE

Code:F

ACGIH TLV:C 121 MG/M3

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

= Wt:2.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9596

Ingred Name:SODIUM HYDROXIDE (CERCLA)

CAS:1310-73-2

RTECS #:WB4900000

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name: TRIETHANOLAMINE
CAS: 102-71-6
RTECS #: KL9275000
Minimum % Wt: 1.
Maximum % Wt: 5.
Other REC Limits: NONE RECOMMENDED
ACGIH TLV: 5 MG/M3

Ingred Name: SODIUM GLUCONATE
CAS: 527-07-1
RTECS #: LZ5235000
Minimum % Wt: 1.
Maximum % Wt: 5.
Other REC Limits: NONE RECOMMENDED
ACGIH TLV: 15 MG/M3

Ingred Name: ETHOXYLATED NONYLPHENOL
CAS: 9016-45-9
RTECS #: AX0247000
< Wt: 5.
Other REC Limits: NOT PROVIDED.

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

LD50 LC50 Mixture: NOT PROVIDED.
D.

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: EYE EFFECTS: CORROSIVE. CAUSES RAPID DESTRUCTION, PERMANENT DAMAGE AND POSSIBLE BLINDNESS. SKIN EFFECTS: CORROSIVE. CAUSES BURNS WHICH MAY RESULT IN IRREVERSIBLE SCARRING. TARGET ORGAN TOXIN: SODIUM HYDROXIDE: INGESTION MAY CAUSE SEVERE BURNS OF THE MOUTH AND THROAT. PROLONGED EXPOSURE TO SKIN WILL CAUSE IRREVERSIBLE SCARRING. INH

ALATION OF MISTS CAN CAUSE BURNS OF THE MUCOUS MEMBRANES.

Explanation of Carcinogenicity: THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS LISTED BY IARC, NTP OR OSHA AS CARCINOGENS.

Effects of Overexposure: EYE EFFECTS: CORROSIVE. CAUSES RAPID DESTRUCTION, PERMANENT DAMAGE AND POSSIBLE BLINDNESS. SKIN EFFECTS: CORROSIVE. CAUSES BURNS WHICH MAY RESULT IN IRREVERSIBLE SCARRING. TARGET ORGAN TOXIN: SODIUM HYDROXIDE: INGESTION MAY CAUSE SEVERE BURNS OF THE MOUTH AND THROAT. PROL

ONGED EXPOSURE TO

SKIN WILL CAUSE IRREVERSIBLE SCARRING. INHALATION OF MISTS CAN CAUSE BURNS OF THE MUCOUS MEMBRANES.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH BREATHING DIFFICUKTY MAY FIND EXPOSURE TO THIS PRODUCT INCREASES THAT DIFFICULTY. SUCH INDIVIDUALS SHOULD PAY SPECIAL ATTENTION TO RECOMMENDED EXPOSURE LIMITS FOR HAZARDOUS INGREDIENTS.

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. GIVE PL
ENTY OF WATER OR

MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET IMMEDIATE MEDICAL ATTENTION. DERMAL: WASH WITH SOAP AND WATER. GET MEDICAL A TTENTION. REMOVE AND LAUNDRER CONTAMINATED CLOTHING. EYE CONTACT: IMMEDIATELY AND CONSTANTLY FLUSH EYES (HOLDING EYELIDS OPEN) WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES OR UNTIL MEDICAL TREATMENT IS RECEIVED. GET EMERGENCY MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GIVE OXYGEN. GET MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, WATER FOG, WATER STREAM

Fire Fighting Procedures:WEAR FULL PROTECTIVE EQUIPMENT,TO INCLUDE SELF CONTAINED BREATHING APPARATUS.COOL FIRE-EXPOSED CONTAINERS WITH WATER.

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

Spill Release Procedures:CONFINE SPILL. STOP LEAK AT SOURCE IF THIS CAN
BE DO

NE SAFELY. BE SURE AREA IS WELL VENTILATED. TRANSFER MATERIAL INTO DRUMS FOR DISPOSAL. WASH AREA WITH WATER. RESIDUAL AMOUNTS SHOULD BE FLUSHED TO CHEMICAL WASTE TREATMENT.

Neutralizing Agent:NOT PROVIDED.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. MINIMUM CONTACT WITH THIS AND ALL CHEMICALS IS RECOMMENDED AS A GOOD GENERAL POLICY TO FOLLOW.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. DO NO

GET IN EYES,
ON SKIN OR CLOTHING. DO NOT BREATHE DUST, VAPOR, MIST, GAS.

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Exposure Controls/Personal Protection
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Respiratory Protection:AVOID BREATHING VAPOR/MIST/DUST.USE NIOSH APPROVED FULL FACE RESPIRATOR.FULL FACE REPLACED NEED FOR CHEMICAL GOGGLES AND FACE SHIELD.USE NIOSH APPROVED RESPIRATORY EQUIPMENT.SIGNIFICANT EXPOSURE USE FULL FACE POSITIVE PRESSURE,SELF-CONTAINED BRATHING APPARATUS OR POSITIVE PRESSURE AIRLINE WITH AUXILLARY AIR SUPPLY. COMPLY WITH OSHA 29 CFR 1910.134.

Ventilation:USE LOCAL MECHANICAL EXHAUST VENTILATION AT SOURCE OF AIR CONTAMINATION,SUCH AS OPEN PROCESS EQUIPMENT.

Protective Gloves:ANY NON-PERMEABLE TO PRODUCT

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:RUBBER BOOTS, APRON. HAVE EYE FLUSHING EQUIPMENT IMMEDIATELY AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES SKIN OR CLOTHING. DO NOT BREATHE DUST,VAPOR, MIST. KEEP CONTAINER CLOSED.

WASH ALL CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PRODUCT CODE: 05577

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Physical/Chemical Properties
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HCC:B1

Boiling Pt:>93.3C, 200.F

Melt/Freeze Pt:12.0

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, VISCOUS AMBER FLUID, ODOR NOT SPECIFIED

Percent Volatiles by Volume:NE

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Stability and Reactivity Data
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Stability Indicator/Materials

to Avoid:YES

STRONG ACIDS

Stability Condition to Avoid:NOT APPLICABLE.

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN COMPOUNDS

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Toxicological Information
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Toxicological Information:2-BUTOXYETHANOL LD50 490 MG/KG (SKIN-RBT)

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Ecological Information
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Ecological:NOT PROVIDED.

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Disposal Considerations
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Waste Disposal Methods:ABSORB WITH NON-COMBUSTIBLE

LE MATERIAL AND PLACE

IN DOT APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS AND SURFACE WATERS. CONSULT FEDERAL, STATE OR LOCAL AUTHORITIES FOR PROPER DISPOSAL PROCEDURES.

===== MSDS Transport Information =====

Transport Information:SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II.

===== Regulatory Information =====

SARA Title III Information:EPA HAS CLASSIFIED 2-BUTOXYETHAOL AS A SARA 313 REPORTABLE CHEMICAL.

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