

ELF ATOCHEM NORTH AMERICA / TURCO PRODUCT INC -- 05944, TURCO 6783-50 --
6850-01-433-6436

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Product Identification
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Product ID:05944, TURCO 6783-50

MSDS Date:06/16/2000

FSC:6850

NIIN:01-433-6436

Status Code:A

MSDS Number: CLCSP

=== Responsible Party ===

Company Name:ELF ATOCHEM NORTH AMERICA / TURCO PRODUCT INC

Address:2000 MARKET ST

City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

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Info Phone Num:215-419-7890; 800-848-0085

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:05944

Preparer's Name:NOT PROVIDED

Chemtrec Ind/Phone:(800)424-9300

CAGE:61102

=== Contractor Identification ===

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0411-01-M-EF80

CAGE:0PGK2

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

Address:2000 MARKET ST

Box:City:PHILADEL

PHIA

State:PA

ZIP:19103-3222

Country:US

Phone:215-419-7890

CAGE:61102

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Composition/Information on Ingredients
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Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits:NOT PROVIDED

Ingred Name:NONYL PHENOL ETHOXYLATE, BRANCHED

CAS:127087-87-0

Minimum % Wt:10.

Maximum % Wt:20.

Ingred Name:DIETHYLENE GLYCOL BUTYL ETHER

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Hazards Identification
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LD50 LC50 Mixture:NOT PROVIDED

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

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

Health Hazards Acute and Chronic:BASED ON SINGLE EXPOSURE ANIMAL TESTS,
THIS MATERIAL IS CONSIDERED TO BE PRACTICALLY NON-TOXIC IF
SWALLOWED OR ABSORBED THROUGH SKIN, SEVERLY IRRITATING TO EYES AND
SLIGHTLY IRRITATING TO SKIN. REPEATED CONTACT MAY CAUSE AN
ALLERGIC SKIN REACTION

. MILD TO SEVERE LUNG INJURY MAY OCCUR IF
THIS MATERIAL IS DRAWN INTO THE LUNGS (ASPIRATED) DURING
SWALLOWING, OR DURING VOMITING AFTER SWALLOWING. SYMPTOMS OF
INJURY MAY INCLUDE INCREASED BREATHING AND HEART RATE, COUGHING AND
RELATED SIGNS OF RESPIRATORY DISTRESS. IF SWALLOWED, THIS MATERIAL
MAY IRRITATE THE MOUTH, THROAT AND DIGESTIVE TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERLY IRRITATING TO EYES AND SLIGHTLY
IRRITATING TO SKIN. REPEATED

CONTACT MAY CAUSE AN ALLERGIC SKIN
REACTION. MILD TO SEVERE LUNG INJURY MAY OCCUR IF THIS MATERIAL IS
DRAWN INTO THE LUNGS (ASPIRATED) DURING SWALLOWING, OR DURING
VOMITING AFTER SWALLOWING. SYMPTOMS OF INJURY MAY INCLUDE INCREASED
BREATHING AND HEART RATE, COUGHING AND RELATED SIGNS OF RESPIRATORY
DISTRESS. IF SWALLOWED, THIS MATERIAL MAY IRRITATE THE MOUTH,
THROAT AND DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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First Aid
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Measures
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First Aid:IF IN EYES, IMMEDIATELY FLUSH WITH PLENTY OF WATER. GET
MEDICAL ATTENTION IF IRRITATION PERSISTS. IF ON SKIN, IMMEDIATELY
WASH WITH SOAP AND PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING
AND SHOES. GET MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE.
THOROUGHLY CLEAN SHOES BEFORE REUSE. IF SWALLOWED, DO NOT INDUCE
VOMITING. GIVE WATER TO DRINK. GET MEDICAL ATTENTION IMMEDIATELY.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
PERSON. IF INHALED,
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL
ATTENTION.

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Fire Fighting Measures
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Flash Point:>110.C, 230.F

Autoignition Temp:Autoignition Temp Text:N/E

Lower Limits:N/E

Upper Limits:N/E

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, DRY CHEMICAL OR
FOAM. USE WATER SPRAY TO COOL CONTAINERS EXPOSED TO FIRE.

Fire Fighting Procedures:FIRE

FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO PRODUCTS OF COMBUSTIONS SHOULD WEAR FULL FIRE FIGHTING TURN OUT GEAR (FULL BUNKER GEAR) AND SELF-CONTAINED BREATHING APPARATUS (PRESSURE DEMAND NIOSH APPROVED OR EQUIVALENT). FIRE FIGHTING EQUIPMENT SHOULD BE THOROUGHLY DECONTAMINATED AFTER USE.

Unusual Fire/Explosion Hazard: AVOID BREATHING FUMES FROM FIRE EXPOSED MATERIAL.

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

Spill Release Procedures: ISOLATE HAZARD AREA AND DENY ENTRY TO

UNNECESSARY OR UNPROTECTED PERSONNEL. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. CLEAN UP SPILL IMMEDIATELY, OBSERVING PRECAUTIONS IN THE PERSONAL PROTECTION SECTION OF MSDS. AVOID RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO WATERWAYS.

Neutralizing Agent: NOT PROVIDED

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

Handling and Storage Precautions: STORE IN A COOL, DRY PLACE. AVOID EXCESSIVE HEAT. STORE OUT OF DIRECT SUNLIGHT IN A COOL, WELL-VENTILATED PLACE.

Other Precautions: DO NOT GET IN EYES, ON SKIN OR CLOTHING. AVOID BREATHING VAPOR OR MIST. KEEP CONTAINER CLOSED. USE ONLY WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. USE EXPOSURE PROOF EQUIPMENT. KEEP AWAY FROM HEAT, SPARKS AND FLAME. EMPTY CONTAINER MAY CONTAIN HAZARDOUS RESIDUES.

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

Respiratory Protection: AVOID BREATHING VAPOR OR MIST. WHERE AIRBORNE EXPOSURE IS LIKELY, USE NIOSH APPROVED RESPIRATORY PROTECTION EQUIPMENT APPROPRIATE TO THE MATERIAL AND/OR ITS COMPONENTS. IF EXPOSURES CANNOT BE KEPT AT A MINIMUM WITH ENGINEERING CONTROLS, CONSULT RESPIRATOR MANUFACTURER TO DETERMINE APPROPRIATE TYPE EQUIPMENT FOR GIVEN APPLICATION.

Ventilation: DILUTION VENTILATION IS ACCEPTABLE BUT LOCAL MECHANICAL EXHAUST VENTILATION PREFERRED.

Protective Gloves: NEOPRENE OR NITRILE GLOVES SHOULD BE WORN WHEN HANDLING THIS MATERIAL.

Eye P

rotection:WHERE THERE IS POTENTIAL FOR EYE CONTACT, WEAR CHEMICAL GOGGLES.

Other Protective Equipment:HAVE EYE FLUSHING EQUIPMENT AVAILABLE. WEAR FACE SHIELD AND CHEMICAL RESISTANT CLOTHING SUCH AS RUBBER APRON WHEN SPLASHING MAY OCCUR.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING AND CLEAN PROTECTIVE EQUIPMENT BEFORE REUSE. RINSE CONTAMINATED SKIN PROMPTLY. WASH SKIN THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NO

T AVAILABLE. N/K =

UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>93.3C, 200.F

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Density:N/E

Spec Gravity:1.02

pH:8.0

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR LIQUID

Percent Volatiles by Volume:NOT PROVIDED

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG ACIDS AND OXIDIZERS.

Stability Condition to Avoid:THIS MATERIAL IS CHEMICALLY STABLE UNDER NORMAL AND ANTICIPATED STORAGE AND HANDLING CONDITIONS.

Hazardous Decomposition Products:OXIDES OF CARBON, NITROGEN COMPOUNDS.

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

Toxicological Information:BENZOTRIAZ

OLE: SLIGHTLY TOXIC TO RAT IF

SWALLOWED (LD50 500-1,072 MG/KG), PRACTICALLY NON-TOXIC TO RABBITS IF ABSORBED THROUGH SKIN (LD50 > 10,000 MG/KG), SLIGHTLY TOXIC TO RATS IF INHALED (3-HR LC50 1.91 MG/L). DIETHYLENE GLYCOL BUTYL

ETHER: PRACTICALLY NON-TOXIC TO RATS IF SWALLOWED (LD50 500-1,072 MG/KG), SLIGHTLY TOXIC TO RABBITS IF ABSORBED THROUGH SKIN (LD50 2,700-4,120 MG/KG). NONYL PHENOL ETHOXYLATE, BRANCHED: PRACTICALLY NON-TOXIC TO RATS IF SWALLOWED (LD50 >5,000 MG/

KG) OR RABBITS IF

ABSORBED THROUGH SKIN (LD50 >5,000 MG/KG), SEVERELY IRRITATING TO RABBIT EYES AND SLIGHTLY IRRITATING TO RABBIT SKIN.

===== Ecological Information =====

Ecological: BENZOTRIAZOLE IS SLIGHTLY TOXIC TO BLUEGILL SUNFISH 96-HR (TLM 25 PPM), MINNOW (TLM 28 PPM) AND TROUT (12PPM). DIETHYLENE GLYCOL BUTYL ETHER: 24-HR LC50 DAPHNIA MAGNA: 2,850 MG/L, PRACTICALLY NON-TOXIC. 24-HR EC50 GOLDFISH: 2,700 MG/L, PRACTICALLY NON-TOXIC

C. 96-HR LC50 BLUEGILL SUNFISH: 1,300 MG/L, PRACTICALLY NON-TOXIC. 96-HR TIDEWATER SILVERSIDES: 2,000 MG/L, PRACTICALLY NON-TOXIC. IC50 BACTERIA (PSEUDOMONAS PUTIDA): 225 MG/L. EC50 ALGEE (MICROCYSTIC AERUGINOSA): 53 MG/L. NONYL PHENOL ETHOXYLATE, BRANCHED: 48-HR LC50 DAPHNIA MAGNA: 52 TO 99 MG/L, SLIGHTLY TOXIC.

===== Disposal Considerations =====

Waste Disposal Methods: RECOVER, RECLAIM OR RECYCLE WHEN PRACTICAL. DISPOSE OF IN ACCORDANCE

WITH FEDERAL, STATE AND LOCAL REGULATIONS.

NOTE: CHEMICAL ADDITIONS TO, PROCESSING OF, OR OTHERWISE ALTERING THIS MATERIAL MAY MAKE THIS WASTE MANAGEMENT INFORMATION INCOMPLETE, INACCURATE, OR OTHERWISE INAPPROPRIATE. STATE AND LOCAL REQUIREMENTS MAY DIFFER FROM FEDERAL LAWS.

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

Transport Information: DOT NAME: NOT REGULATED BY THE DOT.

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

SAR

A Title III Information:SARA REPORTABLE QUANTITIES: NOT ESTABLISHED.

SARA TITLE III, SECTION 313: THIS PRODUCT DOES CONTAIN CHEMICAL(S) WHICH ARE DEFINED AS TOXIC CHEMICALS UNDER AND SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR 372: DIETHYLENE GLYCOL BUTYL ETHER.

Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE ALL ON THE TSCA INVENTORY LIST.

State Regulatory Info

Information:MASSACHUSETTS RIGHT TO KNOW: THIS PRODUCT

DOES CONTAIN THE FOLLOWING CHEMICAL(S), AS INDICATED BELOW, CURRENTLY ON THE MASSACHUSETTS RIGHT TO KNOW SUBSTANCE LIST:

BENZOTRIAZOLE. NEW JERSEY RIGHT TO KNOW: THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICAL(S), AS INDICATED BELOW, CURRENTLY ON THE NEW JERSEY RIGHT TO KNOW SUBSTANCE LIST: DIETHYLENE GLYCOL BUTYL ETHER.

PENNSYLVANIA ENVIRONMENTAL HAZARD AND PENNSYLVANIA RIGHT TO KNOW: THIS PRODUCT DOES CONTAIN THE

FOLLOWING CHEMICAL(S), AS INDICATED

BELOW, CURRENTLY ON PENNSYLVANIA ENVIRONMENTAL HAZARD AND RIGHT TO KNOW: DIETHYLENE GLYCOL BUTYL ETHER.

===== Other Information =====

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