

STARTEX CHEMICAL, INC. -- ANTIFREEZE, COOLANT. -- 6850-00-664-1409

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Product Identification
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Product ID:ANTIFREEZE, COOLANT.

MSDS Date:11/01/1991

FSC:6850

NIIN:00-664-1409

MSDS Number: CDHBC

=== Responsible Party ===

Company Name:STARTEX CHEMICAL, INC.

Box:3087

City:CONROE

State:TX

ZIP:77305

Country:US

Info Phone Num:409-539-6244

Emergency Phone Num:800-424-9300

CAGE:0YFV5

=== Contractor

Identification ===

Company Name:STARTEX CHEMICAL INC

Address:5 HACKBERRY LANE

Box:3087

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-539-6244

CAGE:0YFV5

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Composition/Information on Ingredients
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Ingred Name:1,2-ETHANEDIOL (SARA 313) (CERCLA)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 8-94.0%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:50 MG/M3 CEILING

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:WATER DEIONIZED

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by

Wt: 1-3.99%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture: ORAL 4.7-8.5 G/KG RAT DERMAL 1-3 *

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

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

Health Hazards Acute and Chronic:ACUTE: EYES: BELIEVED TO CAUSE

SLIGHT EYE IRRIT. SKIN: BELIEVED TO BE SLIGHTLY IRRITATING UPON

CHRONIC CONTACT. RESP SYSTEM: DROWSINESS/NARCOSIS & UNCONSCIOUSNESS
POSSIB

LE UPON EXPOSURE TO HIGH CO NCENTRATION IN POORLY VENTILATED
CONFINED SPACES.

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

First Aid:SKIN: WASH AFFECTED AREA W/SOAP & WATER. EYES: FLUSH W/WATER
FOR 15 MIN. INGEST: GIVE LARGE AMTS WATER, INDUCE VOMITING IMMED.
GET IMMED MED AID. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS
PERSON. INHAL: GET FRESH AIR. IF NOT BREATHING,GIVE ARTIF RESP.
GET MED AID.

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

Flash Point Method:PMCC

Flash Point:244F,118C

Lower Limits:3.2

Upper Limits:NOT EST.

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM CARBON DIOXIDE.

Fire Fighting Procedures:WATER/FOAM MAY CAUSE FROTHING. USE SPRAY TO
COOL FIRE ESPOSED CNTNRS. IF LEAK/SPILL NOT IGNITED USE WATER SPRAY
TO DISPERSE VAPORS & PROT PEOPLE STOPPING LEAK.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:AVOID

EYE CONTACT. CONTAIN SPILL, IF POSSIBLE

WIPE UP OR ABSORB ON SUITABLE MATL & SHOVEL UP.

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

Handling and Storage Precautions:MINIMUM FEASIBLE HANDLING TEMPS SHOULD
BE MAINTAINED. EXPOSURE TO HIGH TEMPS SHOULD BE MINIMIZED. WATER
CONTAMINATION SHOULD BE AVOIDED.

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

Respiratory Protection:SUPPLIED AIR RESP PROTECTION FOR CLEANING LARGE
SPILLS OR ENTR

Y INTO TANKS, VESSELS OR OTHER CONFINED SPACES.

Ventilation:ADEQUATE TO MEET COMPONENT PELS

Eye Protection:CHEM GOGGLES/FACE SHIELD (OPT).

Work Hygienic Practices:REASONABLE PERSONAL CLEANLINESS.

Supplemental Safety and Health

HARMFUL/FATAL IF SWALLOWED. KEEP AWAY FROM CHILDREN. MAY CAUSE EYE IRRIT. DON'T DRINK ANTIFREEZE/SOLUTION. WASH THOROUGHLY AFTER HANDLING. DON'T STORE IN OPEN/UNLABELED CNTNRS. ETHYLENE GLYCOL BASE. * G/KG RABBIT SKIN: 0.1-1.0/8.0 RABBIT, SLIGHTLY IRRIT. EYES 15-25/110 RABBIT SLIGHTLY IRRIT.

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

Boiling Pt:B.P. Text:388F,198C

Vapor Pres: