



STARTING FLUID

MSDS Number

BQLLD

National Stock Number

6850-00N035884

Product Name

STARTING FLUID

Manufacturer

TECHNICAL CHEMICAL CO

Product Identification

Product ID: STARTING FLUID

MSDS Date: 11/01/1985

FSC: 6850

NIIN: 00N035884

MSDS Number: BQLLD

Responsible Party

TECHNICAL CHEMICAL CO

10737 SPANGLER RD

DALLAS , TX 75220

US

Emergency Phone: 800-527-0885

Info Phone: 214-556-1421

Cage: 8X792

Contractor

TECHNICAL CHEMICAL COMPANY

20098

DALLAS, TX 75220-7101

US

972-556-1421

Cage: 8X792

Ingredients

ETHANE, 1,1'-OXYBIS-; (ETHYL ETHER) (SARA III)

CAS: 60-29-7

RTECS: KI5775000

OSHA PEL400 PPM;500 STEL

ACGIH TLV: 400 PPM;500 STEL

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

BUTANE; (BUTANE/PROPANE (A-60))

CAS: 106-97-8

RTECS: EJ4200000

OSHA PEL800 PPM



ACGIH TLV: 800 PPM

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:A DRY SCALY FISSURED DERMATITIS.
CHRONIC:ANOREXIA, EXHAUSTION, HEADACHE, DROWSINESS, DIZZINESS,
EXCITATION AND PSYCHIC DISTURBANCE.
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:ALCOHOLISM HAS NARCOTIC PROPERTIES.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL:IF PERSON BREATHE IN LARGE AMOUNTS OF THIS CHEMICAL,
MOVE TO FRESH AIR AT ONCE AND PERFORM ARTIFICIAL RESPIRATION.
EYES:IRRIGATE IMMEDIATELY FOR AT LEAST 15 MINUTES. SKIN:FLUSH WITH
WATER IMMEDIATELY. INGEST:GIVE LARGE QUANTITIES OF SALT WATER AND
INDUCE VOMITING. DO NOT MAKE AN UNCONSCIOUS PERSON VOMIT. GET
MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:CC
Flash Point:25F,-3.9C
Lower Limits:1.9%
Upper Limits:36%
Extinguishing Media:CARBON DIOXIDE AND DRY CHEMICALS.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:PROD EXTREMELY FLAMM. VAP MAY IGNITE.
NEVER USE NEAR OPEN FLAMES. VAP MAY TRAVEL TO SOURCE OF IGNIT &
FLASH BACK. RUNOFF TO SEWERS MAY CREATE FIRE.

Accidental Release

Spill Release Procedures:WEAR APPROPRIATE RESPIRATORY PROTECTION AND
PROTECTIVE CLOTHING AS DESCRIBED IN CONTROL MEASURES SECTION.
CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS WHERE
NECESSARY, COLLECT USING ABSORBENT MEDIA.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:PROTECT CONTAINER AGAINST PHYSICAL
DAMAGE. DETACHED OR OUTSIDE STORAGE IS PREFERRED.
Other Precautions:STORAGE SHOULD BE IN ACCORDANCE WITH NFPA FLAMMABLE
LIQUIDS REQUIREMENTS.

Exposure Controls

Respiratory Protection:IF EXPOSURE EXCEEDS ACCEPTABLE CRITERIA, USE
NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT. RESPIRATOR
SHOULD BE SELECTED BASED ON FORM AND CONCENTRATION.
Ventilation:OPEN AREA WHEN USING A SMALL AMOUNT. MECHANICAL (GENERAL)
VENTILATION.
Protective Gloves:NITRILE GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:USE NITRILE COATED CLOTHING IF THERE IS
POTENTIAL FOR REPEATED OR PROLONGED SKIN CONTACT.
Work Hygienic Practices:IMMEDIATELY CHANGE CLOTHES THAT HAVE BEEN
SATURATED WITH PRODUCT, COULD BE A FIRE HAZARD.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:V3
Boiling Pt:B.P. Text:95F,35C
Melt/Freeze Pt:M.P/F.P Text:-190F,-123C
Vapor Pres:442 @ 20C



Vapor Density:2.6
Solubility in Water:7.6% @ 20C
Appearance and Odor:CLEAR-SLIGHTLY YELLOW WITH AN ETHER ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:HEAT, OPEN FLAMES AND SPARKS.
Hazardous Decomposition Products:CARBON MONOXIDE CAN FORM ON INCOMPLETE
COMBUSTION.

Disposal

Waste Disposal Methods:USE ABSORBENT MEDIA TO COLLECT SPILLS-DISPOSE OF
RECOVERED PRODUCT IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS.

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