

QUICK START PRODUCTS LTD -- DIESEL STARTING FLUID,LP-535/5537 -- 2910-01-330-3228

===== Product Identification =====

Product ID:DIESEL STARTING FLUID,LP-535/5537

MSDS Date:12/09/1995

FSC:2910

NIIN:01-330-3228

MSDS Number: CBQXN

=== Responsible Party ===

Company Name:QUICK START PRODUCTS LTD

Address:HIGHWAY 251 SOUTH

City:ROCHELLE

State:IL

ZIP:61068

Country:US

Info Phone Num:815-895-4545; 815-562-5

414

Emergency Phone Num:815-895-4545

CAGE:78280

=== Contractor Identification ===

Company Name:ALL-SAFE INC

Address:4767 LANGTON RD

Box:116

City:HILLIARD

State:OH

ZIP:43026

Country:US

Phone:614-876-4041

CAGE:2X264

Company Name:QUICK START PRODUCTS LTD

Address:HIGHWAY 251 SOUTH

Box:City:ROCHELLE

State:IL

ZIP:61068

Country:US

Phone:815-562-5414

CAGE:78280

Company Name:TRIMAN INDUSTRIES INC

Address:420 COMMERCE LN SUITE 8

Box:City:WEST BERLIN

State:NJ

ZIP:08091

Country:US

Phone:856-767-7945 /FAX: 8

56-767-7154  
CAGE:0ZBE8

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

Ingred Name:ETHYL ETHER (CERCLA)  
CAS:60-29-7  
RTECS #:KI5775000  
Fraction by Wt: 91%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:400 PPM  
ACGIH TLV:400PPM/500STEL; 9596  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:ETHYLENE (SARA 313)  
CAS:74-85-1  
RTECS #:KU5340000  
Fraction by Wt: 6.5%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:ETHYL ALCOHOL (ETHANOL)  
CAS:64-17-5  
RTECS #  
:KQ6300000  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9596

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL/BHT (BUTYLATED HYDROXYTOLUENE)  
CAS:128-37-0  
RTECS #:GO7875000  
Fraction by Wt: 1% PPM  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3  
ACGIH TLV:10 MG/M3; 9596

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

LD50 LC50 Mixture:TLV FOR DIETHYL ETHER IS 400 PPM.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Ca

rcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY.

ACUTE- EYES:MAY CAUSE IRRITATION/REDNESS. SKIN:IRRITATION & DEFATTING WITH PROLONGED/REPEATED CONTACT. INHALE:MAY CAUSE DIZZINESS, INTOXICATION, UNCONCIOUSNESS. M AY CAUSE NARCOTIC EFFECTS. ORAL:HIGHLY UNLIKELY TO OCCUR. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, TEARING, REDNESS, DRYNESS OF SKIN AND DEFATTING, DIZZINESS , HEADACHE

Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY OR SKIN DISEASES MAY BE AT AN INCREASED RISK FROM EXPOSURE.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS, DRINK WATER/MILK.

INDUCE VOMITING ONLY IF DIRECTED BY MEDICAL PERSONNEL.  
CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:CC

Flash Point:-49F, -45C

Lower Limits:1.9%

Upper Limits:48%

Extinguishing Media:USE FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHI NG APPARATUS. RUN OFF TO SEWERS MAY CREATE FIRE OR EXPLOSION.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. OVERHEATED, CLOSED CONTAINERS COULD EXPLODE DUE TO INTERNAL PRESSURE BUILDUP. VAPORS MAY TRAVEL TO AN IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS S

AND, EARTH, VERMICULITE. GROUND

ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM SPARKS, FLAME, OTHER SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. DO NOT STORE ABOVE 175F.

Other Precautions:PROTECT CONTAINER FROM PHYSICAL DAMAGE. AVOID BREATHING VAPOR/MIST. AVOID CONTACT WITH EYES & SKIN. FOR INDUSTRIAL USE ONLY. VAPORS CAN BE IGNITED EASILY. KEEP AWAY FROM REACH OF CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE EXPLOSION-PROOF VENTILATION EQUIPMENT.

Protective Gloves:NITRILE GLOVES FOR REPEATED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPLASHING CAN OCCUR.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:G2

NRC/State Li

hazardous material number:NOT RELEVANT

Boiling Pt:B.P. Text:94.0F,34.4C

Vapor Pressure:5548

Vapor Density:2.6

Specific Gravity:0.695

Evaporation Rate & Reference:6.9 (N-BUTYL ACETATE=1)

Solubility in Water:MODERATE

Appearance and Odor:COLORLESS LIQUID - STRONG ETHEREAL ODOR (SWEET PUNGENT)

Percent Volatiles by Volume:>99

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:SPARKS, HOT SURFACES, FLAME, DR

YNES.

TENDS TO PRODUCE EXPLOSIVE PEROXIDE ON LONG STANDING IN PRESENCE OF AIR & LIGHT.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES

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

Waste Disposal Methods: DISPOSAL OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE, MUTILATE OR INCINERATE CONTAINERS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.