

QUICK START PRODUCTS LTD -- LP535/LP-5537 DIESEL STARTING FLUID -- 2910-00-871-7024

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

Product ID:LP535/LP-5537 DIESEL STARTING FLUID

MSDS Date:05/01/1991

FSC:2910

NIIN:00-871-7024

MSDS Number: BNNGC

=== Responsible Party ===

Company Name:QUICK START PRODUCTS LTD

Address:HWY 251 S

City:ROCHELLE

State:IL

ZIP:61068

Country:US

Info Phone Num:815-562-5414

Emergency Pho

ne Num:815-562-5414

CAGE:78280

=== Contractor Identification ===

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

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

Ingred Name:ETHYL ETHER (SARA III)

CAS:60-29-7

RTECS #:KI5775000

Fraction by Wt: 91%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400PPM/500STEL; 9192

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred

Name:ETHYLENE (SARA III)
CAS:74-85-1
RTECS #:KU5340000
Fraction by Wt: 6.5%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 2%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL
CAS:128-37-0
RTECS #:GO7875000
Fraction by Wt: 1% PPM
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3; 9192

=====
Hazards I
dentification =====

LD50 LC50 Mixture:LD50 ORAL RAT = 1215 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE CONJUNCTIVITIS. IRRITATION OF
RESIRATORY TRACT. PROLONGED CONTACT MAY CAUSE SKIN SENSITIZATION.
SUBSTANCE IS READILY ABSORBED THROUGH THE SKIN. CHRONIC EFFECTS OF
OVEREXPOSURE MAY INCLUDE CENTRA L NERVOUS SYSTEM DEPRESSION.
Effects of Overexposure:DROWSINES
S, HEADACHE, NAUSEA, VOMITING, AND
PSYCHIC DISTURBANCES, IRRITATION OF RESPIRATORY TRACT, AND
UNCONSCIOUSNESS. CONTACT CAN CAUSE EYE IRRITATION.
Medical Cond Aggravated by Exposure:NONE STATED

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR.
SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND
WATER. SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE
OXYGEN/CPR IF NE

EDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER OR MILK. DO NOT GIVE SODIUM BICARBONATE, FRUIT JUICES OR VINEGAR.

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

Flash Point Method:COC

Flash Point:-49F,-45C

Lower Limits:1.9

Upper Limits:48

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DIRECT WATER STREAM MAY BE INEFFECTIVE IN FIGHTING FIRES.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR. CAN TRAVEL ALONG GROUND AND FLASHBACK. COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. SHUT OFF IGNITION SOURCES. STOP LEAK IF YOU CAN DO SO WITHOUT

RISK. USE WATER SPRAY

TO REDUCE VAPORS. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINER FOR LATER DISPOSAL.

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

Handling and Storage Precautions:DO NOT STORE OVER 175F. DO NOT STORE NEAR SPARKS, FLAMES OR COMBUSTIBLES. PROTECT CONTAINER FROM PHYSICAL DAMAGE. STORE AWAY FROM RESIDENTIAL AREAS.

Other Precautions:SMOKING SHOULD BE PROHIBITED IN STORAGE AREAS.

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

Respiratory Protection:A CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IS RECOMMENDED IF TLV CONCENTRATION IS UP TO 1000 PPM. ABOVE THIS LEVEL, USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:NITRILE GLOVES.

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:NITRILE COATED

CLOTHING TO PREVENT REPEATED

OR PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN. DO NOT
BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING. LAUNDRER
CONTAMINATED CLOTHING.

Supplemental Safety and Health
NONE

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

HCC:V3

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

Vapor Pres:5548

Vapor Density:2.6

Spec Gravity:0.695

Evaporation Rate & Reference:11.8 (BUTYL ACETATE
= 1)

Solubility in Water:MODERATE

Appearance and Odor:COLORLESS LIQUID. SWEET PUNGENT ETHER ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS AND REACTIVE CHEMICALS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:EXPLOSIVE PEROXIDES, CARBON MONOXIDE,
CARBON DIOXIDE, ALDEHYDES.

===== Disposal Co
nsiderations =====

Waste Disposal Methods:ALLOW SPILLS TO EVAPORATE. DISPOSE OF IN
ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL
ENVIRONMENTAL REGULATIONS. DO NOT PUNCTURE, MUTILATE OR INCINERATE
CONTAINER.

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 inform

ation 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.