

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 Phon

e 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 Id  
entification =====

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:DROWSINESS  
, 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 NEE

DED. 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 C

LOTHING 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 Considerations =====

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.

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