

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 PRO
TECTIVE 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 R
ISK. 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.

===== Expo
sure 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

NOTHING 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. LAUNDER
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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