

QUICK START PRODUCTS LTD -- DIESEL STARTING FLUID,LP-535/5537 -- 2910-01-245-3903

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

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

MSDS Date:12/09/1995

FSC:2910

NIIN:01-245-3903

MSDS Number: CBQVB

=== 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:ARLO CORP (201-575-4676)

Box:UNKNOW

CAGE:9R205

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 (CERCLA)

CAS:60-29-7

RTECS #:KI5775000

Fraction by Wt: 91%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:4

00PPM/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 R  
EC 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 Carcinogenicity: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 AT

TENTION 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 BREATHING 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 SAND, 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-PRES SURE 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 Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:94.0F,34.4C  
Vapor Pres:5548  
Vapor Density:2.6  
Spec Gravity:0.695  
Evaporation Rate & Reference:6.9 (N-BUTYL ACETATE=1)  
Solubility in Water:MODERATE  
Appearance and Odor:COLORLESS LIQUID - STRONG ET  
HEREAL 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, DRYNESS.  
TENDS TO PRODUCE EXPLOSIVE PEROXIDE ON LONG STANDING IN PRESENCE OF  
AIR & LIGHT.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
ALDEHYDES

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

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

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