

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

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Composition/Information on Ingredients
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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

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Hazards Identification
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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.

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===== 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.

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===== 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.

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===== 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

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===== 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.

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===== 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

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===== 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

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===== 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.

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