

QUICK START PRODUCTS LTD -- DIESEL STARTING FLUID -- 2910-00-646-9727

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Product Identification  
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Product ID:DIESEL STARTING FLUID  
MSDS Date:05/01/1991  
FSC:2910  
NIIN:00-646-9727  
MSDS Number: BFJWR  
=== Responsible Party ===  
Company Name:QUICK START PRODUCTS LTD  
Address:HWY 251 S  
City:ROCHELLE  
State:IL  
ZIP:61068  
Country:US  
Info Phone Num:815-895-4545  
Emergency Phone Num:815-895-4545  
Preparer  
's Name:MANAGER, R & D  
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

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Composition/Information on Ingredients  
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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

Ingr

ed 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

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Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:IRRITANT, ANESTHETIC, EMETIC,  
ASPHYXIAN CHRONIC EFFECTS INCLUDE ANOREXIA, EXHAUSTION, HEADACHE,  
DROWSINESS, DIZZINESS, EXCITATION, PSYCHIC DISTURBANCES.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
Effects of Overexposure:EYE  
MILD IRRITATION, POSS CONJUNCTIVITIS. SKIN:  
MILD IRRITANT, DRYING, CRACKING. INHALATION: UPPER RESP TRACT  
IRRITATION, NAUSEA, VOMITING, PALLOR, IRREGULAR RESPIRATION,  
HEADACHE, DEPRESSION, EXCITATION, PALLOR. INGESTION: SAME AS  
INHALATION.  
Medical Cond Aggravated by Exposure:ANY LATENT ALLERGY, SENSITIVITY, OR  
RESPIRATORY DYSFUNCTION.

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First Aid Measures =====

First Aid:EYE:FLUSH 15 MINUTES W/AMPLE WATER. SKIN: WASH SOAP & WATER.

INHALE: REMOVE TO FRESH AIR. GIVE ART RESPIRATION OR OXYGEN AS REQUIRED. INGESTION:GET MEDICAL ATTENTION IMMEDIATELY AS PROMPT TREATMENT FO R CNS EFFECTS IS REQUIRED.

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

Flash Point Method:CC  
Flash Point:-49F,-45C  
Autoignition Temp:Autoignition Temp Text:356F  
Lower Limits:1.9  
Upper Limits:48  
Extinguishing Media:CARBON DIOXIDE, FOAM  
Fire Fighting Procedures:COOL EXPOSED CONTAINERS WITH WATER SPRAY.  
CYLINDERS WILL  
PRESSURE RELIEVE @ 200F/93C RELEASING FLAMMABLE  
ETHER VAPORS AND ETHYLENE GAS.  
Unusual Fire/Explosion Hazard:RELEASED VAPORS/GASES ARE HIGHLY  
FLAMMABLE AND EASILY IGNITED.

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

Spill Release Procedures:VENTILATE AREA. REMOVE ALL IGNITION SOURCES.  
WEAR SCBA. ALLOW SPILLAGE TO EVAPORATE. FLUSH LARGE SPILLS W/WATER  
TO REMOVE RESIDUAL FILM (0.5% OF CYLINDER CONTENTS).  
Neutralizing Agent:NONE

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

Handling and Storage Precautions:DO OT STORE @ TEMPERATURES EXCEEDING  
175F. DISCONNECT GLOW PLUGS DURING STORAGE.  
Other Precautions:PROTECTIVE CLOTHING SHOULD BE MADE EITHER FROM A  
SPECIAL RUBBER COMPOUND RESISTANT TO SWELLING BY ETHER OR PLASTICS.

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

Respiratory Protection:USE SCBA PP MODE AS NECESSARY.  
Ventilation:LOCAL EXHAUST  
Protective Gloves:NONE  
Eye Protection:CHEMICAL GOGG

LES

Other Protective Equipment:DISCONNECT GLOW PULGS!

Work Hygienic Practices:FOLLOW THOSE ESTABLISHED BY INDUSTRIAL HYGIENST  
& SAFETY FOR USE OF THIS MATERIAL AS WELL AS TECHNICAL MANUAL.

Supplemental Safety and Health

REPLACEMENT ETHER CYLINDER FOR 2910-01-244- 2524 DIESEL ENGINE STARTING  
KIT.

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

HCC:G2

Boiling Pt:B.P. Text:94F/34C

Vapor Pres:7.3 ATMS

Vapor Density:2.6

Spec Gravity:0.7

Evaporation Rate & Reference:

6.9 (NO REFERENCE GIVEN)

Solubility in Water:MODERATE

Appearance and Odor:COLORLESS LIQUID, ETHER ODOR. PROPERTIES DATA IS  
FOR DIETHYL ETHER.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:KEEP AWAY FROM HEAT, SPARKS, AND OPEN  
FLAMES. TENDS TO FORM EXPLOSIVE PEROXIDES UNDER THE INFLUENCE OF  
AIR AND LIGHT.

Hazardous Decomposition Products:CAR

BON OXIDES, ALDEHYDES.

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

Waste Disposal Methods:DISPOSE OF CYLINDER AMOUNTS BY SLOW RELEASE TO  
ATMOSPHERE. DO NOT INCINERATE. FOLLOW ALL APPLICABLE LAWS &  
REGULATIONS.

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