

QUICK START PRODUCTS LTD -- DIESEL STARTING FLUID -- 2910-01-063-5646

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===== Product Identification =====  
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Product ID:DIESEL STARTING FLUID

MSDS Date:09/09/1993

FSC:2910

NIIN:01-063-5646

MSDS Number: BPKPV

=== 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; 815-562-5414

Emergency Phone Num

:815-895-4545

CAGE:78280

=== Contractor Identification ===

Company Name:HEAVY EQUIPMENT PARTS, INC.

Address:2416 RADLEY COURT NUMBER 4

Box:City:HAYWARD

State:CA

ZIP:94545-1131

Country:US

CAGE:59534

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:TURNER CO DIV OF CLEANWELD PRODUCTS CO

Address:821 PARK AVE

Box:6200

City:SYCAMORE

State:IL

ZIP:60178-2419

Country:US

Phone:815-895-4545

CAGE:61112

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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

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-4-METHYLPHENOL  
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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Hazards Identification  
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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

RESPIRATORY TRACT, HEADACHE DIZZINESS, ANOREXIA, NAUSEA AND VOMITING. NARCOSIS, ALUMINURIA, LASSITUDE.

Effects of Overexposure: CASUAL EXPOSURE SHOULD HAVE NO NEGATIVE EFFECTS.

===== First Aid Measures =====

First Aid: INGESTION: IF CONSCIOUS AND ABLE TO SWALLOW, GIVE WATER OR MILK TO DILUTE. DO NOT GIVE SODIUM BICARBONATE, FRUIT JUICES OR VINEGAR. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

INHALATION: IMMEDIATELY REMOVE TO FRESH AIR. ASSIST WITH BREATHING IF NECESSARY. EYES OR SKIN: IMMEDIATELY FLUSH AFFECTED AREA WITH PLENTY OF COOL WATER FOR ABOUT 15 MIN. GET MEDICAL ATTENTION.

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

Flash Point Method: CC

Flash Point: -49F, -45C

Lower Limits: 1.9

Upper Limits: 48

Extinguishing Media: DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures: WATER INEFFECTIVE IN FIRE FIGHTING, BUT CAN BE USED TO COOL CONTAINERS, FLUSH AWAY SPILLS AND DISPERSE VAPORS.

RUN-OFF TO SEWEERS MAY BE FIRE/EXPLOSION HAZARD.

Unusual Fire/Explosion Hazard: VAPORS MAY TRAVEL TO IGNITION SOURCE AND FLASH BACK. WEAR SCBA W/FULL FACEPIECE OPERATED IN POSITIVE PRESS. MODE IF EXPOSED TO SMOKE, FUMES, HAZ. DECOMP. PRODUCTS.

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

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION, VENTILATE TO REMOVE FUMES, FLUSH LARGE SPILLS WITH WATER. RUNOFF TO SEWERS MAY CREATE FIRE OR EXPLOSION HAZARD.

Neutralizing Agent: NONE

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

Handling and Storage Precautions: DO NOT STORE OVER 175F. UNIT WILL PRESSURE RELIEVE AT 200F. DO NOT STORE NEAR SPARKS, FLAMES, OR CONBUSTIBLES. PROTECT CONTAINER FROM PHYSICAL DAMAGE.

Other Precautions: SMOKING SHOULD BE PROHIBITED IN STORAGE AREAS.

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

Respiratory Protection: WHEN IN CONTACT WITH HIGH C

INCENTRATION USE

NIOSH/ MSHA APPROVED RESPIRATORY PROTECTION SYSTEM.

Protective Gloves:NITRILE GLOVES FOR PROLONGED USE.

Eye Protection:ANSI Z87.1 SPEC CHEMICAL GOGGLES

Other Protective Equipment:WEAR NITRILE COATED CLOTHING IF PROLONGED SKIN CONTACT IS ANTICIPATED.

Work Hygienic Practices:MFR:"N/A" HMIS:USE GOOD CHEMICAL HYGIENE

PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING

Supplemental Safety and Health

NOTE: THE MSDS WAS APPARENTLY PREPARED BY CAGE TURNER, THEN QUICK START

ENTERED THEIR NAME AS MANUFACTURER. INDICATIONS ON THE FAX ARE THAT THE MSDS WAS RECEIVED FROM HEAVY EQUIPMENT PARTS RATHER THAN QUICK START.

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

HCC:G2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:94.0F,34.4C

Vapor Pres:7.3 ATM

Vapor Density:2.6

Spec Gravity:0.695

Evaporation Rate & Reference:6.9

Solubility in Water:MODERATE

Appearance and Odor:COLORLESS / ETHER (SWEET PUNGENT)

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS AND CHEMICALS CAPABLE OF SPONTANEOUS HEAT OR COMBUSTION.

Stability Condition to Avoid:KEEP AWAY FROM IGNITION SOURCES. TENDS TO FORM EXPLOSIVE PEROXIDES UNDER INFLUENCE OF AIR, LIGHT, LONG STORAGE.

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER ALDEHYDES.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

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Waste Disposal Methods:ALLOW SPILLS TO EVAPORATE. ALLOW CYLINDER CONTENTS TO BE USED COMPLETELY, THEN DISPOSE OF IN NORMAL TRASH. DO NOT PUNCTURE, MUTILATE, OR INCINERATE CONTAINER.

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