

DIESEL STARTING FLUID

MSDS Number

BKCBC

National Stock Number

2910-01-208-3122

Product Name

DIESEL STARTING FLUID

Manufacturer

QUICK START PRODUCTS LTD

Product Identification

Product ID:DIESEL STARTING FLUID

MSDS Date:09/09/1993

FSC:2910

NIIN:01-208-3122

MSDS Number: BKCBC

Responsible Party

QUICK START PRODUCTS LTD

HWY 251 SOUTH

ROCHELLE , IL 61068

US

Emergency Phone: 800-424-9300 CHEMTREC

Info Phone: 815-562-5414

Cage: 78280

Contractor

WIGGINS LIFT CO INC

OXNARD, CA 93030-1635

US

805-485-7821

Cage: 60764

Ingredients

ETHYL ETHER (SARA III)

CAS: 60-29-7

RTECS: KI5775000

Fraction By Weight: 91% %

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400PPM/500STEL; 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

ETHYLENE (SARA III) USE AS A PROPELLANT.

CAS: 74-85-1

RTECS: KU5340000

Fraction By Weight: 6.5% %

ACGIH TLV: ASPHYXIAANT; 9192

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 2% %

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

BHT (BUTYLATED HYDROXYTOLUENE)

CAS: 128-37-0

RTECS: GO7875000

Fraction By Weight: 1% PPM

Hazards

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

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.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY LISTED AS CARCINOGENIC BY NTP, IARC OR OSHA.

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

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:SWALLOWING: IF VICTIM IS CONSCIOUS AND ABLE TO SWALLOW, QUICKLY HAVE VICTIM DRINK WATER OR MILK TO DILUTE. DO NOT GIVE SODIUM BICARBONATE, FRUIT JUICES OR VINEGAR. GET MEDICAL ATTENTION. INHALATION: I MEDIATELY REMOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION. IN CASE OF CONTACT WITH EYES OR SKIN: IMMEDIATELY FLUSH WITH COOL WATER - EYES FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.

Fire Fighting

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 MAY BE INEFFECTIVE IN FIRE FIGHTING, BUT CAN BE USED TO COOL CONTAINERS. RUN OFF TO SEWERS MAY CREATE FIRE OR EXPLOSION.

Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL TO AN IGNITION SOURCE AND FLASH BACK. FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN POSITIVE PRESSURE MODE WITH FULL FACE

Accidental Release

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 HAZARDS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:DO NOT PUNCTURE, MUTILATE OR INCINERATE CONTAINERS. DO NOT STORE OVER 175F. DO NOT STORE NEAR SPARKS, FLAMES, OR COMBUSTIBLES.

Other Precautions:PROTECT CONTAINER FROM PHYSICAL DAMAGE. STORE AWAY FROM RESIDENTIAL STRUCTURES.

Exposure Controls

Respiratory Protection:WHEN IN CONTACT WITH HIGH CONCENTRATION USE NIOSH/ MSHA APPROVED RESPIRATORY PROTECTION SYSTEM.
Ventilation:NATURAL VENTILATION IF POSSIBLE. IF REQUIRED, USE EXPLOSION PROOF MECHANICAL (GENERAL) VENTILATION.
Protective Gloves:NITRILE GLOVES FOR PROLONGED USE
Eye Protection:CHEMICAL GOGGLES - ANSI 207.1
Other Protective Equipment:WEAR NITRILE COATED CLOTHING IF PROLONGED SKIN CONTACT IS ANTICIPATED
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING, DRINKING OR SMOKING. DO NOT SMOKE IN WORK AREA.
Supplemental Safety and Health
OTHER COMPONENTS MAY BE PRESENT WITH THE PAC: TUBE ASSEMBLY1; PUMP ASSEMBLY 1; ELBOWS 3; COPPER TUBING 8 FT 1; INSTALLATION INSTRUCTION SHEET 1.

Chemical Properties

HCC:G2
Boiling Pt:B.P. Text:94.0F,34.4C
Melt/Freeze Pt:M.P/F.P Text:NONE
Vapor Pres:7.3 ATM
Vapor Density:2.6
Spec Gravity:0.695
Evaporation Rate & Reference:6.9 (NO REF GIVEN)
Solubility in Water:MODERATE
Appearance and Odor:COLORLESS, ETHER (SWEET PUNGENT ODOR)
Percent Volatiles by Volume:100 %

Stability

Stability Indicator/Materials to Avoid:YES
ISOLATE FROM OXIDIZERS AND CHEMICALS CAPABLE OF SPONTANEOUS COMBUSTION.
Stability Condition to Avoid:STORE AT TEMPERATURES BELOW 175F. UNIT WILL PRESSURE RELIEVE AT 200F PLUS OR MINUS 5F.
Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER ALDEHYDES

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS.

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