

QUICK START PRODUCTS LTD -- QUICK START STARTING FLUID CYLINDER -- 2910-01-444-3434  
===== Product Identification =====

Product ID:QUICK START STARTING FLUID CYLINDER  
MSDS Date:06/26/1996  
FSC:2910  
NIIN:01-444-3434  
MSDS Number: CFLHK  
=== 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:815-895-4545815-562-5414(TRANSPO)  
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

===== Composition/Information on Ingredients =====

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Minimum % Wt:10.  
Maximum % Wt:15.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;96

Ingr

ed Name:ETHYL ETHER (CERCLA)  
CAS:60-29-7  
RTECS #:KI5775000  
Minumum % Wt:75.  
Maxumum % Wt:85.  
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:N-HEPTANE, RELTAED LIGHT HYDROCARBONS  
CAS:142-82-5  
RTECS #:MI7700000  
&lt; Wt:10.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:MINERAL OIL, SEVERELY HYDROTREATED PREDOMINANTLY NAPTHENIC  
CAS:64742-53-6  
RTECS #:PY8036000  
&lt;  
Wt:1.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

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Hazards Identification  
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LD50 LC50 Mixture:NONE 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:INHALED:DIZZINESS,STRONG  
ANESTHESIA,INTOXICATION,UNCONSCIOUSNESS.SKIN:IRRITATION UPON  
PROLONGED CONTACT. DEFATTING OF SKIN.EYE:IRR  
ITITATION.  
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NONE OF  
COMPONENTS IN MATL IS LISTED BY IARC/NTP/OSHA OR ACGIH AS  
CARCINOGEN.  
Effects of Overexposure:DIZZINESS,STRONG  
ANESTHESIA,INTOXICATION,UNCONSCIOUSNESS.SKIN IRRITATION, DEFATTING  
OF SKIN, EYE IRRITATION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:INHALED:REMOVE TO FRESH AIR.ARTIFICAIL RESPIRATION.CONS

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PHYSICIAN.SKIN:WASH W/SOAP/WATER.REMOVE SOAKED CLOTHING TO AVOID  
PROLONGED SKIN CONTACT.EYE:FLUSH WELL W/RUNNING WATER FOR  
15MINS.INGESTED:CALL PHYSICIAN OR POISON CONTROL CENTER  
IMMED.PROPER TREATMENTS DEPENDENT ON CONDITON OF PATIENT AND AMOUNT  
INGESTED.

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

Flash Point Method:TCC

Flash Point:=13.3C, 56.F

>56F,>13C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1.8

Upper Limits:46.0

Extinguish

ing Media:DRY CHEMICAL,CARBON DIOXIDE,WATER-FOG OR MIST  
ONLY,ALCOHOL FOAM.

Fire Fighting Procedures:AVOID POSSIBLE ACCUMULATION OF VAPOUR AT FLOOR  
LEVEL AS VAPOUR IS HEAVIER THAN AIR.SCBA/PROTECTIVE CLOTHING SHOULD  
BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.

Unusual Fire/Explosion Hazard:AVOID POSSIBLE BURSTING OF AEROSOL  
CAN.DONT STORE WHERE TEMPERATURES MAY EXCEED 120F.DONT  
PUNCUTRE/INCINERATE.EXTREMELY FLAMM-REFERENCE:CONSUMER PROD  
COMMODITIES FLAME PROJECTION TEST.

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

Spill Release Procedures:KEEP AWAY FROM

HEAT/FIRE/SPARKS/FLAME.VENTIALTE AREA WELL.CO2 MAY BE USED AS  
PRECAUTIONARY VAPOR BLANKET.SMALL AMOUNTS MAY BE FLUSHED AWAY WITH  
WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DONT STORE WHERE TEMPERATURES ARE  
GREATER THAN120F.STORE AWAY FROM FIRE/SPARK/FLAME  
.STORE IN SUITABLE

AREA FOR HAZARDOUS MATERIALS STORAGE.DONT USE NEAR  
HEAT/FIRE/FLAME/SPARK.

Other Precautions:DO NOT USE NEAR HEAT, FLAME OR SPARKS. AVOID  
EXCESSIVE BRETHING OF VAPOR. DO NOT SPRAY IN DIRECTION OF BODY. USE  
ONLY INN ACCORDANCE WITH DIRECTIONS.

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

Respiratory Protection:IF TLV IS EXCEEDED WEAR NIOSH=APPROV  
SELF-CONTAINED BREATHING DEVICE OR RESPIRATOR.

Ventilation:MUSE BE ADEQUATE TO MAINTAIN V

APORS AT LESS THAN 400PPM

PARTICULARLY AT LFOOR LEVEL AS VAPORS ARE HEAVIER THAN AIR.

Protective Gloves:NORMAL USE-NONE.PROLONGED

EXPOSURE-NITRILE,IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR GOGGLES RECOMMENDED.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:AVOID EXCESSIVE BREATHING OF VAPOR.DON'T SPRAY  
IN DIRECTION OF BODY.USE ONLY IAW DIRECTIONS.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemica

I Properties =====

HCC:G2

Boiling Pt:=34.4C, 94.F

Vapor Pres:150SPIG CN

Vapor Density:APPROX 2.5

Spec Gravity:0.70

pH:NP

Viscosity:NP

Evaporation Rate & Reference:APROX 6, BUACETATE=1

Solubility in Water:APROX 6% @70F,MODERT

Appearance and Odor:PALE YELLOW TO CLEAR LIQ,STRONG ETHEREAL ODOR

Percent Volatiles by Volume:86.0

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stabilit

y Condition to Avoid:UNSTABLE EXPLOSIVE PEROXIDES MAY BE FORMED

AND CONCENTRATE BY EVAPORATION TO HAZARDOUS LEVELS. THIS PROCESS IS  
FAVORED BY PROLONGED STORAGE WITH EXPOSURE TO AIR AND LIGHT.

Hazardous Decomposition Products:CARBON MONOXIDE MAY FORM ON  
COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IAW ALL LOCAL, STATE AND FEDERAL  
REGULATIONS.DONT PUNCTURE OR I

INCINERATE.AVOID ANY CONTAMINATION OF  
GROUNDWATER.

===== MSDS Transport Information =====

Transport Information:US DOT: ENGINE STARTING FLUID 2.1 UN1960 LABEL:  
FLAMMABLE GAS

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