

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; 815-5

62-5414

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

Minumum % Wt:10.

Maxumum % 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
< 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
< Wt:1.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

===== Hazards Identification =====

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.

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

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

ULT

PHYSICIAN.SKIN:WASH W/SOAP/WATER.REMOVE SOAKED CLOTHING TO AVOID
PROLONGED SKIN CONTACT.EYE:FLUSH WELL W/RUNNING WATER FOR
15MINS.INGESTED:CA LL 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 LOW 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/Chemical

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:APPROX 6, BUACETATE=1

Solubility in Water:APPROX 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.

Stability

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

NCINERATE.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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