

QUICK START PRODUCTS LTD -- STARTING FLUID CYLINDER,QK-1104-554

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MSDS Safety Information
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FSC: 2910
NIIN: 01-063-5646
MSDS Date: 06/26/1996
MSDS Num: CCHXV
Product ID: STARTING FLUID CYLINDER,QK-1104-554
MFN: 02
Responsible Party
Cage: 78280
Name: QUICK START PRODUCTS LTD
Address: HIGHWAY 251 SOUTH
City: ROC
HELLE IL 61068
Info Phone Number: 815-895-4545; 815-562-5414
Emergency Phone Number: 815-562-5414
Preparer's Name: UNKNOWN
Proprietary Ind: Y
Published: Y

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Contractor Summary
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Cage: 78280
Name: QUICK START PRODUCTS LTD
Address: HIGHWAY 251 SOUTH
City: ROCHELLE IL 61068
Phone: 815-562-5414

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Item Description Information
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Item Manager: S9C
Item Name: STARTING AID,DIESEL
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: EA
UI Container Qty: 0
Type of Container: AEROSOL CAN

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: TLV FOR DIETHYL ETHER IS 400 PPM.

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS:EYE, SKIN, RESPIRATORY. ACUTE- EYES:MAY CAUSE IRRITATION/REDNESS. SKIN:IRRITATION & DEFATTING WITH PROLONGED/REPEATED CONTACT. INHALE:MAY CAUSE DIZZINESS, INTOXICATION, UNCONCIOUSNESS. M AY CAUSE NARCOTIC EFFECTS. ORAL:HIGHLY UNLIKELY TO OCCUR. CHRONIC- UNKNOWN.

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xplanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, TEARING, REDNESS, DRYNESS OF SKIN AND DEFATTING, DIZZINESS, HEADACHE, UNCONSCIOUSNESS

Medical Cond Aggravated By Exposure: PERSONS WITH CHRONIC RESPIRATORY OR SKIN DISEASES MAY BE AT AN INCREASED RISK FROM EXPOSURE.

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP &

p; WATER. ORAL:GET MEDIC AL ATTENTION

IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. PROPER TREATMENT IS DEPENDENT ON CONDITION OF PATIENT AND AMOUNT INGESTED.

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Handling and Disposal

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Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, V

ERMICULITE. CARBON DIOXIDE MAY BE USED AS A

PRECA UTIONARY VAPOR BLANKET. AVOID FLUSHING TO SEWERS.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSAL OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE, MUTILATE OR INCINERATE CONTAINERS. AVOID CONTAMINATION OF ANY GROUND WATER.

Handling And Storage Precautions: STORE IN COOL, WELL VENTILATED AREA AWAY FROM SPARKS, FLAME, OTHER SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. DO NOT STORE ABO

VE 120F.

Other Precautions: PROTECT CONTAINER FROM PHYSICAL DAMAGE. AVOID BREATHING VAPOR/MIST. AVOID CONTACT WITH EYES/SKIN. FOR INDUSTRIAL USE ONLY. VAPORS CAN BE IGNITED EASILY. KEEP OUT OF REACH OF CHILDREN. DO NOT SPRAY IN DIRECTION OF BODY. READ LABEL CAREFULLY.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: <-56F,<-49C

Lower Limits:

1.8%

Upper Limits: 48%

Extinguishing Media: USE WATER FOG/MIST, CARBON DIOXIDE (CO2), ALCOHOL FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. RUN OFF TO SEWERS MAY CREATE FIRE OR EXPLOSION.

Unusual Fire/Explosion Hazard: EXTREMELY FLAMMABLE. OVERHEATED AEROSOL CANS COULD EXPLODE DUE TO INTERNAL PRESSURE BUILDUP. VAPORS MAY TRAVEL TO AN IGNITION SOURCE AND FL ASH BACK.

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Control Measures
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Respiratory Protection: NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRES SURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: NITRILE FOR PROLONGED CONTACT

Eye Protection: SAFETY GLASSES/GOGGLES RECOMMENDED

Other Protective Equipment: SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health: FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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Physical/Chemical Properties
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HCC: G2

NRC/State LIC No: NOT RELEVANT

B.P. Text: 94F (ET2O)

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 8515 @ 70F

Vapor Density: 2.5

Spec Gravity: 0.70

Viscosity: UNKNOWN

Evaporation Rate & Reference: 6 (N-BUTYL ACETATE=1)

Solubility in Water: 6% @ 70F

Appearance and Odor: PALE YELLOW TO CLEAR LIQUID - STRONG ETHEREAL ODOR

Percent Volatiles by Volume: 86

Corrosi

on Rate: UNKNOWN
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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: SPARKS, HOT SURFACES, FLAME, DRYNESS. TENDS TO PRODUCE EXPLOSIVE PEROXIDE ON LONG STANDING IN PRESENCE OF AIR & LIGHT.

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymeriz

ation: NOT RELEVANT
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulator

y Information

Other Information

Transportation Information

Responsible Party Cage: 78280
Trans ID NO: 104468
Product ID: STARTING FLUID CYLINDER,QK-1104-554
MSDS Prepared Date: 06/26/1996
Review Date: 03/04/2000
MFN:
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Tech Entry NOS Shipping Nm: (ETHYLENE, DIETHYLETHER)
Net Unit Weight: 18 OZ (MFR)
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: EA
Container QTY: 0
Type Of Container: AEROSOL CAN

Detail DOT Information

DOT PSN Code: DQH
Symbols: G
DOT Proper Shipping Name: COMPRESSED GASES, FLAMMABLE, N.O.S.
Hazard Class: 2.1
UN ID Num: UN1954
Label: FLAMMABLE GAS
Special Provision: B13
Non Bu
Ik Pack: 302,305
Bulk Pack: 314,315
Max Qty Pass: FORBIDDEN
Max Qty Cargo: 150 KG
Vessel Stow Req: D
Water/Ship/Other Req: 40

Detail IMO Information

IMO PSN Code: EQB
IMO Proper Shipping Name: COMPRESSED GAS, FLAMMABLE, N.O.S. o
IMDG Page Number: 2124
UN Number: 1954
UN Hazard Class: 2(2.1)
IMO Packaging Group: -
Subsidiary Risk Label: -
EMS Number: 2-02
MED First Aid Guide NUM: 620

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Detail IATA Information
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IATA PSN Code: HDE
IATA UN ID Num: 1954
IATA Proper Shipping Name: COMPRESSED GAS, FLAMMABLE, N.O.S. *
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: FORB
Max Quant Pass: FORB
Max Quant Cargo: 150KG
Packaging Note Cargo: 200
Exceptions: A1
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Detail AFI Information
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AFI PSN Code: HDE
AFI Symbols: *
AFI Proper Shipping Name: COMPRESSED GAS, FLAMMABLE, N.O.S.
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1954
Special Provisions: P4
Back Pack Reference: A6.3, A6.5
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HAZCOM Label
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Product ID: STARTING FLUID CYLINDER,QK-1104-554
Cage: 78280
Company Name: QUICK START PRODUCTS LTD
Street: HIGHWAY 251 SOUTH
City: ROCHELLE IL
Zipco
de: 61068
Health Emergency Phone: 815-562-5414
Label Required IND: Y
Date Of Label Review: 11/20/1996
Status Code: C
MFG Label NO: UNKNOWN
Label Date: 11/20/1996
Year Procured: 1997
Origination Code: G
Signal Word: DANGER
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None
Hazard And Precautions: TARGET ORGANS:EYE, SKIN, RESPIRATORY. ACUTE- EYES:MAY CAUSE IRRITATION. SKIN:IRRITATION & DEFATTING WITH PROLONGED/REPEATED CONTACT. INHALE:MAY CAUSE DIZZI

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WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER.
ORAL:GET MEDICAL ATTENTION IMMEDIATELY. N EVER GIVE ANYTHING BY MOUTH TO A

N

UNCONSCIOUS ONE

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