

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

=====
MSDS Safety Information
=====

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: RO
CHELLE 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

=====
Contractor Summary
=====

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

=====
Item Description Information
=====

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

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====

=====
Health Hazards Data
=====

=====
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. MAY CAUSE NARCOTIC EFFECTS. ORAL:HIGHLY UNLIKELY TO OCCUR. CHRONIC- UNKNOWN.

Explanation 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 & WATER. ORAL:GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. PROPER TREATMENT IS DEPENDENT ON CONDITION OF PATIENT AND AMOUNT INGESTED.

=====
Handling and Disposal

=====
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, VERMICULITE. CARBON DIOXIDE MAY BE USED AS A PRECAUTIONARY 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 ABOVE 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.

=====
Fire and Explosion Hazard Information

=====
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 FLASH BACK.

=====
Control Measures
=====

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-PRESSURE 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.

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

HCC: G2

NRC/State LIC No: NOT RELEVANT

B.P. Text: 94F (ET20)

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

Corros

ion Rate: UNKNOWN

=====
Reactivity Data
=====

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 Polymerization: NOT RELEVANT

=====
Toxicological Information
=====

=====
Ecological Information
=====

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

=====
Regulatory 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:

2

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 B

ulk 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

=====
Detail IATA Information
=====

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

=====
Detail AFI Information
=====

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

=====
HAZCOM Label
=====

Product ID: STARTING FLUID CYLINDER,QK-1104-554
Cage: 78280
Company Name: QUICK START PRODUCTS LTD
Street: HIGHWAY 251 SOUTH
City: ROCHELLE IL
Zipc

Code: 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 DIZZ

INESS, INTOXICATION, UNCONCIOUSNESS. ORAL:HIGH

LY UNLIKELY TO OCCUR. CHRONIC- UNKNOWN.STORE IN COOL, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION & OXIDIZERS. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT. FIRST AID- GET MEDICAL HELP IF SYMPTOM S 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 & WATER. ORAL:GET MEDICAL ATTENTION IMMEDIATELY. N EVER GIVE ANYTHING BY MOUTH TO

AN

UNCONSCIOUS ONE

=====
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contract
ing with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.