

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: 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

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

E

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.

=====

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, 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.

=====  
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 FL ASH 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-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.

=====

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

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

=====  
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 Polymeriz  
ation: NOT RELEVANT

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

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

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

=====  
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:  
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 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

=

=====  
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  
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

NESS, 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 A

N

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 contracti  
ng 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.