

QUICK START PRODUCTS LTD -- STARTING FLUID CYLINDER

MSDS Safety Information

FSC: 2910

NIIN: 00-646-9727

MSDS Date: 06/26/1996

MSDS Num: CJDCW

Product ID: STARTING FLUID CYLINDER

MFN: 02

Responsible Party

Cage: 78280

Name: QUICK START PRODUCTS LTD

Address: HIGHWAY 251 SOUTH

City: ROCHELLE IL 610

68

Info Phone Number: 815-562-5414

Emergency Phone Number: 815-562-5414

Proprietary Ind: Y

Review 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: CYLINDER,ENGINE STARTING

Specification Number: O-F-1044B

Type/Grade/Class: TYPE III

Unit of Issue: DZ

UI Container Qty: 1

Type of Container: UNKNOWN

Ingredients

Name: \*\*\* PROPRIETARY \*\*\*

Health Hazards Data

R

oute Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES: IRRITATION. SKIN: IRRITATION UPON PROLONGED

CONTACT, DEFATTING OF SKIN. INHALATION: CENTRAL NERVOUS SYSTEM DEPRESSION.

Explanation Of Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptions Of Overexposure: INHALATION: DIZZINES, STRONG ANESTHESIA, INTOXICATION, UNCONSCIOUSNESS.

Fir

st Aid: EYES: FLUSH WELL WITH RUNNING WATER FOR 15 MIN. SKIN: WASH WITH

SOAP AND WATER. REMOVE SOAKED CLOTHING TO AVOID PROLONGED SKIN CONTACT.

INHALATION: REMOVE TO FRESH AIR. ARTIFICIAL RESPIRATION IF NEE DED, CONSULT

PHYSICIAN. INGESTION: CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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: KEEP AWAY FROM HEAT, FIRE, SPARKS, OR FLAME.

VENTILATE AREA WELL. CARBON DIOXIDE MAY BE USED AS A PRECAUTIONARY VAPOR

BLANKET. SMALL AMOUNTS MAY BE FLUSHED AWAY WITH WATER.

Waste Disposal Methods: DISPOSE OF IN ACCOURDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT PUNCTURE OR INCINERATE. AVOID ANY CONTAMINATION OF GROUNDWATER.

Handling And Storage Precautions: DO NOT STORE WHERE TEMPERATURE MAY EXCEED 120F. STORE AWAY FROM FIRE,

SPARKS, OR FLAME. STORE IN SUITABLE AREA FOR HAZARDOUS MATERIALS STORAGE.

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

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Fire and Explosion Hazard Information

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Flash Point Method: TCC

Flash Point: =-48.9C, -56.F

Lower Limits: 1.8

Upper Limits: 48

Exti

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

Fire Fighting Procedures: AVOID POSSIBLE ACCUMULATIONS OF VAPORS AT FLOOR LEVEL, AS VAPOR IS HEAVIER THAN AIR. SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.

Unusual Fire/Explosion Hazard: AVOID POSSIBLE BURSTING OF PRESSURIZED CAN. DO NOT STORE WHERE TEMPERATURE MAY EXCEED 120F. DO NOT PUNCTURE OR INCINERATE.

Control Measures

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

Ventilation: MUST BE ADEQUATE TO MAINTAIN VAPORS AT LESS THAN 400 PPM, PARTICULARLY AT FLOOR LEVEL AS VAPORS ARE HEAVIER THAN AIR.

Protective Gloves: NONE NEEDED FOR NORMAL USE. NITRILE OR OTHER IMPERVIOUS TYPE IF NEEDED.

Eye Protection: SAFETY GLASSES OR GOGGLES RECOMMENDED.

Supplemental Safety and Health: NONE

Physical/Chemical Properties

HCC: V3

Boiling Point: =34.4C, 94.F

B.P. Text: DIETHYL ETHER

Vapor Pres: APPROX 150 PSIG AT 70F

Vapor Density: 2.5 APPROX

Spec Gravity: 0.70

Evaporation Rate & Reference: APPROX 6, BUTYL ACETATE=1

Solubility in Water: APPROX 6% AT 70F

Appearance and Odor: PALE YELLOW TO CLEAR LIQUID, STRONG ETHEREAL ODOR, EVAPORATES QUICKLY

Percent Volatiles by Volume: 86.0

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS, FLAMES.

Materials To Avoid: STRONG OXIDIZERS.

Hazardous Decomposition Products: CARBON MONOXIDE MAY FORM ON COMBUSTION.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information

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Ecological Information

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MSDS Transport Information

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Regulatory Information

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Other Information

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Transportation Information

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Responsible Party Cage: 78280  
Trans ID NO: 138694  
Product ID: STARTING FLUID CYLINDER  
MSDS Prepared Date: 06/26/1996  
Review Date: 02/16/1999  
MFN: 2  
Tech Entry NOS Shipping Nm: ETHYL ETHER AND CARBON DIOXIDE  
Multiple KIT Number: 0

Unit Of Issue: DZ  
Container QTY: 1  
Type Of Container: UNKNOWN  
Additional Data: CARGO AIR ONLY. AFR P5. MAY BE ELIGIBLE FOR LTD QTY AND  
RECLASSIFICATION TO CONSUMER COMMODITY, OR M-D. SEE 173.306(A)(3)&(H)

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Detail DOT Information

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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  
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pecial Provision: B13  
Non Bulk 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

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Detail IMO Information

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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  
ME  
D 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 Informa  
tion

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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  
Cage: 78280  
Company Name: QUICK START PRODUCTS LTD  
Street: HIGHWAY 251 SOUTH  
City: R

OCHELLE IL  
Zipcode: 61068  
Health Emergency Phone: 815-562-5414  
Label Required IND: Y  
Date Of Label Review: 02/16/1999  
Status Code: A  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Severe  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None  
Hazard And Precautions: EYES: IRRITATION. SKIN: IRRITATION UPON PROLONGED  
CONTACT, DEFATTING OF SKIN. INHALATION: CENTRAL NERVOUS SYSTEM DEPRESSION.

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