

QUICK START PRODUCTS LTD -- STARTING FLUID CYLINDER

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MSDS Safety Information  
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FSC: 2910  
NIIN: 00-646-9727  
MSDS Date: 06/26/1996  
MSDS Num: CJJJH  
Product ID: STARTING FLUID CYLINDER  
MFN: 03  
Responsible Party  
Cage: 78280  
Name: QUICK START PRODUCTS LTD  
Address: HIGHWAY 251 SOUTH  
City: ROCHELLE IL 61  
068  
Info Phone Number: 815-562-5414  
Emergency Phone Number: 815-562-5414

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Item Description Information  
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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

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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: LD50 (ORAL, RAT) N/K  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: NO  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: TARGET ORGANS: EYES, SKIN, CENTRAL NERVOUS SYSTEM,  
RESPIRATORY TRACT (). EYE CONTACT: IRRITATION. SKIN CONTACT: IRRIT

ATION UPON

PROLONGED CONTACT, DEFATTING OF SKIN. INHALATION: DIZZINESS, STRONG ANESTHESIA, INTOXICATION, UNCONSCIOUSNESS

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

Signs And Symptoms Of Overexposure: DIZZINESS, STRONG ANESTHESIA, INTOXICATION, UNCONSCIOUSNESS, IRRITATION, DEFATTING.

First Aid: INHALATION: REMOVE TO FRESH AIR. ARTIFICIAL RESPIRATION, CONSULT PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. REMOVE SOAKED CLOTHING TO AVOID

PROLONGED SKIN CONTACT. EYES: FLUSH EYES WELL WITH RUNNING WATER FOR 15 MIN. 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 ACCORDANCE 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

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

Fire Fighting Procedures: AVOID POSSIBL

E 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. EXTREMELY FLAMMABLE AT ALL TIMES. AVOID INADVERTENT IGNITION SOURCES, INCLUDING STATIC SPARKS. IF PRODUCT VAPOR IS ALLOWED TO ACCUMULATE IN AIR, A DANGEROUS FIRE AND EXPLOSION HAZARD EXISTS.

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Control Measures  
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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.  
Other Protective Equipment: EYE BATH, WASHING FACILITY, EMERGENCY SHOWER, LAB COAT OR UNIFORM.  
Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.  
Supplemental Safety and Health: NONE

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Physical/Chemical Properties  
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HCC: V3  
Boiling Point: =34.4C, 94.F  
B.P. Text: DIETHYL ETHER  
Vapor Pres: APPROX 7770 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

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Reactivity Data  
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Stabili

ty Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS, FLAMES. UNSTABLE EXPLOSIVE  
PEROXIDES MAY BE FORMED AND CONCENTRATED BY EVAPORATION TO HAZARDOUS LEVELS.  
GENERALLY STABLE IN SEALED METAL CONTAINERS.

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: 146625

Product ID: STARTING FLUID CYLINDER

MSDS Prepared Date: 06/26/1996

Review Date: 07/26/1999

MFN: 3

Tech Entry NOS Shipping Nm: ETHER, CARBON DIOXIDE

Net Unit Weight: 0.91 LB

Multiple KIT Number: 0

Unit Of Issue:

DZ

Container QTY: 1

Type Of Container: UNKNOWN

Additional Data: DOT PROPER SHIPPING NAME, UN ID NUMBER, HAZARD CLASSIFICATION  
PER MSDS. LABEL REQUIRED: FLAMMABLE GA S

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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

Special 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  
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  
Cage: 78280  
Company Name: QUICK START PRODUCTS LTD  
Street: HIGHWAY 251 SOUTH  
City: ROCHELLE IL  
Zipcode: 61068  
Health Emergency Ph

one: 815-562-5414  
Label Required IND: Y  
Date Of Label Review: 05/01/2000  
Status Code: C  
Year Procured: 1999  
Origination  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: EYES, SKIN, CENTRAL NERVOUS SYSTEM,  
RESPIRATORY TRACT (). EYE CONTACT: IRRITATION. SKIN CONTACT: IRRITATION UPON  
PROLONGED CONTACT, DEFATTING O  
F SKIN. INHALATION: DIZZINESS, STRON G  
ANESTHESIA, INTOXICATION, UNCONSCIOUSNESS. MFD: 01/99; EXP: 01/02. DOT-39 NRC  
148/265 M5229

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