

SILOO -- 20A,B STARTING FLUID -- 6850-00D005511

MSDS Safety Information

FSC: 6850
MSDS Date: 03/01/1990
MSDS Num: CBRSS
LIIN: 00D005511
Tech Review: 09/10/1996
Product ID: 20A,B STARTING FLUID
Responsible Party
Cage: SILOO
Name: SILOO
Box: 2549
City: WARMINSTER PA 18974 US
Info Phone Number: 215-674-4300
Emergency Phone Number: 215-674-4300
Preparer's Name: A. B. REED

Preparer Co. when other than Responsible Party Co.

Cage: SILOO
Assigned Ind: Y
Name: SILOO
Box: 2549
City: WARMINSTER PA 18974

Contractor Summary

Cage: 050Q3
Name: NAPA, A DIVISION OF LINCOLN AUTOMOTIVE
Address: ONE LINCOLN WAY
City: ST. LOUIS MO 63120-1578 US
Phone: 414-255-5520
Cage: SILOO
Name: SILOO
Box: 2549
City: WARMINSTER PA 18974 US
Phone: 215-674-4300

Ingredients

Cas: 10024-97-2
RTECS #: QX1350000
Name: NITROUS OXIDE
% by Wt: 1.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 50 PPM; 9596
Ozone Depleting Chemical: N

Cas: 60-29-7
RTECS #: KI5775000
Name: ETHYL ETHER (CERCLA)
% by Wt: 28.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM
ACGIH TLV: 400PPM/500STEL; 9596
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

Ozone Depleting Chemical: N

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 Cas: 142-82-5  
 RTECS #: MI7700000  
 Name: N-HEPTANE  
 % by Wt: 65.1  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: 500 PPM  
 ACGIH TLV: 400 PPM/500STEL;9596  
 Ozone Depleting Chemical: N  
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Cas: 124-38-9  
 RTECS #: FF6400000  
 Name: CARBON DIOXIDE  
 % by Wt: 5.0  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: 5000 PPM  
 ACGIH TLV: 5000PPM/30000STEL;96  
 Ozone Depleting Chemical: N  
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Health Hazards Data

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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
 Route Of Entry Inds - Inhalation: YES  
 Skin: NO  
 Ingestion: NO  
 Carcinogenicity Inds - NTP: NO  
 IARC: NO  
 OSHA: NO  
 Effects of Exposure: ACUTE:EYE:MAY CAUSE IRRITATION. SKIN:MAY CAUSE  
 IRRITATION. INHAL:STUPOR OR UNCONSCIOUSNESS ON PROLONGED EXPOSURE.  
 CHRONIC:PROLONGED EXPOSURE MAY CAUSE UNCONSCIOUSNESS.  
 Explanation Of Carcinogenicity: PER MSDS:CHEMICAL LISTED AS CARCINOGEN OR  
 POTENTIAL CARCINOGEN:NTP/IARC/  
 OSHA:NO.  
 Signs And Symptoms Of Overexposure: EYE IRRITATION. SKIN IRRITATION.  
 STUPOR OR UNCONSCIOUSNESS.  
 Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.  
 First Aid: IF SYMPTOMS PERSIST CALL PHYSICIAN. INHAL:REMOVE PERSON TO  
 FRESH AIR. EYE:FLUSH W/LG AMTS OF WATER. SKIN:FLUSH W/LG AMTS OF WATER.  
 INGEST:DO NOT INDUCE VOMIT.CALL PHYSICIAN IMMED.

Handling and Disposal

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Spill Release Procedures: USUALLY NOT AN AEROSOL PROBLEM. VENTILATE AREA.  
 REMOVE SOURCES OF IGNITION. USE ABSORBENT TO PICK UP WASTE MATERIAL.  
 Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
 Waste Disposal Methods: DISCARDED FILLED CANS OR PARTIALLY USED CANS ARE  
 HAZAROUS WASTE. OBSERVE LOCAL, STATE AND FEDERAL REGULATIONS. CHEMS  
 FOUND IN SEC 313 OF EPCRA SARA TITLE III & SUBJ TO RELEASE INVENTORY  
 REPORTING:NONE .  
 Handling And Storage Precautions: STORE IN COOL DRY AREA. AEROSOL  
 PACKAGE-PRESSURE=85PSIG @70F.  
 Other Precautions: AEROSOL CANS MAY EXPLO IF THEIR CONTENTS ARE HEATED  
 ABOVE 130F. ETHER COMPOUNDS STORED IN UNSEALED CONTAINERS CAN FORM  
 UNSTABLE PEROXIDES & W/EVAPORATIVE LOSS PEROXIDES ARE CONCENTRATED. NOT  
 APPLICABLE FOR AEROSOL CANS.

Fire and Explosion Hazard Information

Flash Point Method: TCC  
Flash Point Text: 68.0F,20.0C  
Lower Limits: 1.9  
Upper Limits: 48.0  
Extinguishing Media: WATER ALCOHOL FOAM, CO2, DRY CHEMICALS.  
Fire Fighting Procedures: AEROSOL CAN MAY EXPLODE WHEN HEATED ABOVE 130F.  
Unusual Fire/Explosion Hazard: AEROSOL CAN MAY EXPLODE WHEN HEATED ABOVE  
130F.

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Control Measures  
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Respiratory Protection: SELF-CONTAINED BREATHING APPARATUS FOR  
CONCENTRATION ABOVE TLV.  
Ventilation: ADEQUATE VENTILATION TO MAINTAIN VAPOR CONCENTRATION BELOW  
TLV.  
Eye Protection: SAFETY GOGGLES.  
Other Protective Equipment: NOT NORMALLY RECOMMENDED FOR AEROSOL USE.  
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER. :WASH HANDS AFTER  
HANDLING.

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Physical/Chemical Properties  
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HCC: V3  
B.P. Text: 95.0F,35.0C  
M.P/F.P Text: NA  
Decomp Text: NP  
Vapor Pres: 200  
Vapor Density: >AIR  
Spec Gravity: 0.69  
PH: NP  
Evaporation Rate & Reference: RAPID  
Solubility in Water: SOME SOLUBILITY  
Appearance and Odor: CLEAR WATER WHITE LIQUID, ETHER ODOR.  
Percent Volatiles by Volume: 99  
Corrosion Rate: NP

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: SEE "OTHER PRECAUTIONS" SECTION OF MSDS.  
:AVOID ALL IGN SOURCES.  
Materials To Avoid: STRONG OXIDIZERS.  
Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE.  
Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

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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: SIL00  
Trans ID NO: 4950  
Product ID: 20A,B STARTING FLUID  
MSDS Prepared Date: 03/01/1990  
Review Date: 09/10/1996  
Article W/O MSDS: N  
Multiple KIT Number: 0  
Unit Of Issue: NK  
Container QTY: NK  
Additional Data: PER MSDS:AEROSOL, FLASH POINT -20C.  
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## Detail DOT Information

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DOT PSN Code: AGC  
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,  
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
Hazard Class: 2.1  
UN ID Num: UN1950  
Label: FLAMMABLE GAS  
Special Provision: N82  
Non Bulk Pack: NONE  
Bulk Pack: NONE  
Max Qty Pass: 75 KG  
Max Qty Cargo: 150 KG  
Vessel Stow Req: A  
Water/Ship/Other Req: 40,48,85  
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## Detail IMO Information

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IMO PSN Code: AIY  
IMO Proper Shipping Name: AEROSOL DISPENSERS ?  
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS  
IMDG Page Number: 9022  
UN Number: 1950  
UN Hazard Class: 9?  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Number: 2-13  
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## Detail IATA Information

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IATA PSN Code: ALS  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE  
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
IATA UN Class: 2.1  
IATA Label: FLAMMABLE GAS  
Packing Note Passenger: 203  
Max Quant Pass: 75KG  
Max Quant Cargo: 150KG  
Packaging Note Cargo: 203  
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## Detail AFI Information

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AFI PSN Code: ALR  
AFI Symbols: \*  
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.  
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)  
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AFI Hazard Class: 2.1  
AFI UN ID NUM: UN1950  
Special Provisions: P4  
Back Pack Reference: A6.3

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HAZCOM Label

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Product ID: 20A,B STARTING FLUID  
Cage: SILOO  
Company Name: SILOO  
PO Box: 2549  
City: WARMINSTER PA  
Zipcode: 18974 US  
Health Emergency Phone: 215-674-4300  
Date Of Label Review: 09/10/1996  
Label Date: 09/10/1996  
Chronic Hazard IND: Y  
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: EYES:MAY CAUSE IRRITATION. SKIN:MAY CAUSE IRRITATION. INHAL:STUPOR OR UNCONSCIOUSNESS ON PROLOINGED EXPOSURE. CHRONIC:PROLONGED EXPOSURE MAY CAUSE UNCONSCIOUSNESS. FIRST AID:IF SYMPTOMS PERSIST CALL D OCTOR. INHAL:REMOVE PERSON TO FRESH AIR. EYE:FLUSH W/LG AMTS OF WATER. SKIN:FLUSH W/LG AMTS OF WATER. INGEST:DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMED. FIRE:USE WATER ALCOHOL FOAM, CO2, DRY CHEMICA L. SPILL:USUALLY NOT AN AEROSOL PROBLEM. VENTILATE AREA. REMOVE SOURCES OF IGNITION. USE ABSORBENT OT PICK UP WASTE MATL. DISCARDED FILLED CANS OR PARTIALLY USED CANS ARE HAZ WASTE. OBSERVE FED/STATE/ LOC REGS.

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