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: WARMINGER 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: WARMINGER PA 18974

Contractor Summary

Cage: 05003
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: WARMINGER 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

Cas: 142-62-5
RTECS #: MT7700000
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

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

Health Hazards Data

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.
Explanations 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 IMMEDIATELY.

Handling and Disposal

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 HAZARDOUS 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.

Control Measures

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.

Physical/Chemical Properties

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

Reactivity Data

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

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

http://www2.siri.org/msds/f2/ccb/crirss.html
Transportation Information

Responsible Party Cage: SILOO
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.

Detail DOT Information

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

Detail IMO Information

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

Detail IATA Information

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

Detail AFI Information

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

HAZCOM Label

Product ID: 20A,B STARTING FLUID  
Cage: SILOO  
Company Name: SILOO  
PO Box: 2549  
City: WARMINTER 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 PROLONGED 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 IMMEDIATELY. FIRE: USE WATER ALCOHOL FOAM, CO2, DRY CHEMICAL L SPILL: USUALLY NOT AN AEROSOL PROBLEM. VENTILATE AREA. REMOVE SOURCES OF IGNITION. USE ABSORBENT TO PICK UP WASTE MATL. DISCARDED FILLED CANS OR PARTIALLY USED CANS ARE HAZ WASTE. OBSERVE FED/STATE/LOC REGS.

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