

LHB INDUSTRIES -- 0872-870 SO-SURE CORRECTION FLUID

=====
MSDS Safety Information
=====

FSC: 7510
NIIN: 01-333-6242
MSDS Date: 03/01/1995
MSDS Num: CBSLH
Product ID: 0872-870 SO-SURE CORRECTION FLUID
MFN: 02
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: SAINT LOUIS
MO 63134
Info Phone Number: 314-522-3141
Emergency Phone Number: 314-522-3141 OR 800-424-9300
Preparer's Name: GREGORY M. MCGOWAN
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63134
Phone: 314-522-3141

=====
Item Description Information
=====

Item Manager: GSA
Item Name: CORRECTION FLUID,OPAQUE COATING
Specification Number: A-A-212B
Type/Grade/Class: TYPE III
Unit of Issue: DZ
UI Container Qty: 0

=====
Ingredients
=====

Cas: 142-82-5
RTECS #: MI7700000
Name: N-HEPTANE
% Wt: 30
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 500 PPM
ACGIH TLV: 400 PPM/500STEL;9596

Cas:

64742-89-8

Name: VM & P NAPHTHA (LIGHT ALIPHATIC PETROLEUM SOLVENT NAPHTHA)

% Wt: 15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 61788-76-9

Name: CHLORINATED PARAFFIN

% Wt: <5

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

=====
Health Hazards Data
=====

LD50 LC50 Mixtu

re: UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHALATION MAY CAUSE RESPIRATORY IRRITATION & CNS EFFECTS. EYE CONTACT AND PPROLONGED SKIN CONTACT MAY CAUSE IRRITATION. INGESTION MAY CAUSE IRRITATION OF MOUTH/THROAT/STOMACH. ASPIRATION MAY CAUSE LU NG INFLAMMATION AND/OR DAMAGE.

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: INHALED-IRRITATION OF NOSE/THROAT, DIZZINESS, DROWSINESS, EUPHORIA, LOSS OF COORDINATION, DISORIENTATION, HEADACHE, NAUSEA, VOMITING. SKIN-IRRITATION. DISCOMFORT. EYES-IRRITATION. INGESTED-NAUSEA, ABD OMINAL & CHEST DISCOMFORT, DIARRHEA, WEAKNESS.

Medical Cond Aggravated By Exposure: PRE-EXISTING SKIN DISORDERS MAY INCREASE SENSITIVITY. PRE-EXISTING LUNG DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

First Aid:

IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RE SPIRATION AS NEEDED. INGESTED-DO NOT INDUCE VOMITING! GET IMMEDIATE EMERGENCY MEDICAL ATTENTION.

=====
Handling and Disposal
=====

Spill Release Procedures: ELIMINATE ALL SOURCES OF IGNIT

ION AND VENTILATE AREA.

PICK UP SPILLS WITH ABSORBENT MATERIAL. AVOID CONTACT WITH SKIN AND EYES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH AND PROLONGED CONTACT WITH SKIN. DO NOT INGEST.

Other Precautions: DO NOT SMOKE OR EAT WHEN USING THIS PRODUCT. DO NOT USE NEAR

OPEN FLAMES, SPARKS OR OTHER IGNITION SOURCES.

=====
Fire and Explosion Hazard Information
=====

Flash Point Text: 14F,-10C

Autoignition Temp Text: 399F

Lower Limits: 1.0

Upper Limits: 7.0

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY POSE A HEALTH HAZARD.

=====
Control Measures
=====

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR

1910.134.

Ventilation: USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: NITRILE.

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: EYE WASH STATION.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health: CONTRACT NUMBER

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

HCC: F2

Boiling Point: =85.C, 185.F

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 53

Vapor Density: 3.3

Spec Gravity: 1.190

Viscosity: UNKNOWN

Evaporation Rate & Reference: >1 (N-BUTYL ACETATE=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: OPAQUE WHITE LIQUID; MILD ODOR.

Percent Volatiles by Volume: 44

Corrosion Rate:

UNKNOWN
=====

Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT AND IGNITION SOURCES.

Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALIS.

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE,
IRRITATING ALDEHYDES AND KETONES.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: EXTREME TEMPERATU
RES.
=====

Toxicological Information
=====

Ecological Information
=====

MSDS Transport Information
=====

Regulatory Information

=====
=====
Other Information
=====
=====

=====
=====
Transportation Information
=====
=====

Responsible Party Cage: 0FTT5
Trans ID NO: 126350
Product ID: 0872-870 SO-SURE CORRECTION FLUID
MSDS Prepared Date: 03/01/1995
Review Date: 09/30/1996
MFN: 2
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: DZ
Container QTY: 0
Additional Data: PSN IS PER MFR MSDS.

=====
=====
Detail DOT Information
=====
=====

DOT PSN Code: DTJ
Symbols: D
DOT Proper Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
Label: NONE
Non Bulk Pack: 156,306
Bulk Pack: NONE
Max Qty Pass: 30KGGROSS
Max Qty Cargo: 30KGGROSS
Vessel Stow Req: A

=====
=====
Detail IMO Information
=====
=====

IMO PSN Code: HXF
IMO Proper Shipping Name: HEPTANES
IMDG Page Number: 3235
UN Number: 1206
UN Hazard Class: 3.2
IMO Packaging Group: II
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: 310

=====
=====
Detail IATA Information
=====
=====

IATA PSN Code: NDD
IATA UN ID Num: 1206
IATA Proper Shipping Name: HEPTANES

IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 307

=====
Detail AFI Information
=====

AFI PSN Code: NDD
AFI Proper Shipping Name: HEPTANES
AFI Hazard Class: 3
AFI UN ID NUM: UN1206
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3
=====

=====
HAZCOM Label
=====

Product ID: 0872-870 SO-SURE CORRECTION FLUID
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 314-522-3141 OR 800-424-9300
Label Required IND: Y
Date Of Label Review: 09/30/1996
Status Code: C
Label Date: 09/30/1996
Year Procured: 1996
Origination Code: F
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: INHALATION MAY CAUSE RESPIRATORY IRRITATION & CNS EFFECTS. EYE CONTACT AND PROLONGED SKIN CONTACT MAY CAUSE IRRITATION. INGESTION MAY CAUSE IRRITATION OF MOUTH/THROAT/STOMACH. ASPIRATION MAY CAUSE LUNG INFLAMMATION AND/OR DAMAGE. FIRST AID: IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED C

LOTHERS. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR.
ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-DO NOT INDUCE
VOMITING! GET IMMEDIATE EMERGENCY MEDICAL ATTENTION.

=====

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 impliedly warrants, states, or intends said information to have any application, use or liability by or to any person or persons outside the Department of Defense nor any person or persons contracting 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.