

LHB INDUSTRIES -- CORRECTION FLUID

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MSDS Safety Information  
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FSC: 7510  
NIIN: 00-176-8949  
MSDS Date: 01/12/1993  
MSDS Num: CLBHR  
Product ID: CORRECTION FLUID  
MFN: 01  
Responsible Party  
Cage: OFTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: BERKELEYS MO 63134  
Info Phon  
e Number: 314-423-4333  
Emergency Phone Number: (800)424-9300  
Preparer's Name: RUDOLF OPPENHEIM  
Chemtrec IND/Phone: (800)424-9300  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: OFTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: BERKELEYS MO 63134  
Phone: 314-423-4333

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

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Ingredients  
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Cas: 71-55-6  
RTECS #: KJ2975000  
Name: 1,1,1-TRICHLOROETHANE  
Percent by Wt: 70.  
OSHA PEL: 350 PPM  
ACGIH TLV: 350 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS  
Ozone Depleting Chemical:

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Cas: 61788-76-9

Name: CHLORINATED PARAFFINS

Percent by Wt: 5.  
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Health Hazards Data  
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE ORAL LD50 IN RAT IS REPORTED TO BE 10.3 G/KG FOR  
1,1,1 TRICHLOROETHANE TWA=350 PPM. EXCESSIVE INHALATION OR INGESTION MAY  
PRODUCE

SYMPTOMS OF CENTRAL NERVOUS SYSTEM DEPRESSION RANGING FROM LIGHT-  
HEADEDNESS, NAUSEA, VOMITING, SORE THROAT, MENTAL CONFUSION AND  
UNCONSCIOUSNESS TO DEATH. EXPOSURE OF EYES AND SKIN TO VAPORS OR LIQUID MAY  
CAUSE IRRITATION. EXTREMELY HIGH DOSAGES HAVE PRODUCED MILD LIVER AND  
CARDIOVASCULAR SYSTEM EFFECTS IN ANIMALS.

Signs And Symptoms Of Overexposure: HEADACHE, NAUSEA, VOMITING. IRRITATION OF  
EYES AND SKIN.

First Aid: FOR CONTACT WITH SKIN OR CLOTHES, WASH WITH SOAP AND WATER. FOR  
CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN  
IMMEDIATELY. IF SWALLOWED GIVE LARGE AMOUNTS OF WATER OR MILK AND GET  
IMMEDIATE MEDICAL AID. IF INHALED REMOVE PATIENT TO FRESH AIR AND GET MEDICAL  
ATTENTION IF NECESSARY. DO NOT GIVE ADRENALIN OR SIMILAR  
SYMPATHOMIMETIC DRUGS. DO NOT ALLOW EXPOSED PERSON TO EXERCISE VIGOROUSLY  
FOR 24 HOURS FOLLOWING A POTENTIALLY TOXIC EXPOSURE.  
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Handling and Disposal  
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Spill Release Procedures: PICK UP SPILLAGE WITH ABSORBENT MATERIAL. WEAR SKIN,  
EYE AND RESPIRATORY PROTECTION.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE  
AND LOCAL REGULATIONS. DO NOT REUSE CONTAINER.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. STORE IN DRY  
COOL PLACE.

Other Precautions: AVOID SMOKING WHEN VAPOR IS PRESENT.  
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Fire and Explosion Hazard Information  
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Autoignition Temp: =500.C, 932.F

Autoignition Temp Text: 932 F

Lower Limits: 7.5

Upper Limits: 15

Extinguishing Media: PRODUCT DOES NOT BURN. USE MEDIA SUITABLE FOR SURROUNDING FIRE. USE WATER SPRAY RO COOL FIREEXPOSED CONTAINERS AND EQUIPMENT.

Fire Fighting Procedures: USE SCBA WITH FULL FACEPIECE AND PROTECTIVE CLOTHING IF INVOLVED IN A FIRE OF OTHER MATERIALS.

Unusual Fire

/Explosion Hazard: 1,1,1 TRICHLORETHANE CAN BE IGNITED WITH HIGH-INTENSITY SOURES OF HEAT, SUCH AS SOME SPARKS AND FLAME.

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Control Measures  
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Respiratory Protection: MSHA/NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation: LOCAL EXHAUST

Protective Gloves: TO PROTECT SKIN

Eye Protection: SAFETY GOGGLES

Other Protective Equipment: EYEWASH STATION.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE WASH HANDS AFTER USING PRODUCT.

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Physical/Chemical Properties  
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Boiling Point: =73.9C, 165.F

B.P. Text: 165-194 F

Vapor Pres: 100

Vapor Density: 4.5

Spec Gravity: 1.51

Evaporation Rate & Reference: BU AC=1 0.37

Solubility in Water: INSOLUABLE

Appearance and Odor: WHITE OPAQUE LIQUID ETHER LIKE ODOR

Percent Volatiles by Volume: 70.6

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: EXPOSURE TO RED HOT SURFACES AND HIGH INTENSITY ULTRA VIOLET LIGHT.

Materials To Avoid: AVOID MIXING WITH CAUSTIC SODA, CAUSTIC POTASH OR OXIDIZING AGENTS.

Hazardous Decomposition Products: HYDROGEN CHLORIDE AND TRACES OF PHOSGENE, HYDROGEN CHLORIDE.

Hazardous Polymerization Indicator: NO  
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Regulatory Information

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Sara Title III Information: CHLORINATED PARAFFIN 61788-76-9  
State Regulatory Information: CALIFORNIA PROP 65: CHLORINATED PARAFFIN  
61788-76-9  
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Other Information

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Other Information: THE INFO/RECCOMMENDATIONS HEREIN ARE PRESENTED IN GOOD  
FAITH AND BELIEVED TO BE CORRECT/RELIABLE.LHB IND. MAKES NO REPR  
ESENTATION AS  
TO THE COMPLERNESS/ACCURACY THEREOF AND SUPPLIES INFO UPON COND TH AT THE  
PERSON RECEIVNG SAME WILL MAKE THEIR OWN DETERMINATION AS TO SUITABILITY FOR  
THIIR PURPOSE PRIOR TO USE. IN NO EVENT WILL LHD IND. BE RESPONSIBLE FOR  
AMY DAMAGE OF AMY NATURE RESULTING FROM T HE USE OR RELIANCE UPON THIS  
INFORMATION.NO REPRESENTATION/WARRENTY EXPRESSED/IMPLIED OF  
MERCHANTIBILITY/FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE  
MADE HEREUNDER WITH RESPECT TO INFO OR  
THE PRODUCT TO WHICH IT REFERS.  
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Transportation Information

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Responsible Party Cage: OFTT5  
Trans ID NO: 156486  
Product ID: CORRECTION FLUID  
MSDS Prepared Date: 01/12/1993  
Review Date: 09/05/2000  
MFN: 1  
Multiple KIT Number: 0  
Unit Of Issue: DZ  
Container QTY: 0  
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Detail DOT Information

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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail IMO Information

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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
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Detail IATA Information

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IATA PSN Code: ZZZ  
IATA Proper Shipping  
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Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information  
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label  
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Product ID: CORRECTION FLUID

Cage: OFTT5

Assigned IND: Y

Company Name: LHB INDUSTRIES

Street: 8833

FLEISCHER PLACE

City: BERKELEYS MO

Zipcode: 63134

Health Emergency Phone: (800)424-9300

Label Required IND: Y

Date Of Label Review: 04/05/2001

Status Code: A

Origination Code: G

Hazard And Precautions: ACUTE ORAL LD50 IN RAT IS REPORTED TO BE 10.3 G/KG FOR 1,1,1 TRICHLOROETHANE TWA=350 PPM. EXCESSIVE INHALATION OR INGESTION MAY PRODUCE SYMPTOMS OF CENTRAL NERVOUS SYSTEM DEPRESSION RANGING FROM LIGHT-HEADEDNESS, NAUSEA, VOMITING, SORE THROAT, MENTAL CONFUSION AND UNCONSCIOUSNESS TO DEATH.

THD. EXPOSURE OF EYES AND SKIN TO VAPORS OR LIQUID MAY CAUSE IRRITATION. EXTREMELY HIGH DOSAGES HAVE PRODUCED MILD LIVER AND CARDIOVASCULAR SYSTEM EFFECTS IN ANIMALS.

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