

LOCTITE CORP AUTOMOTIVE AND CO -- PERMATEX BRAKE AND PARTS CLEANER

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MSDS Safety Information
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FSC: 6850
NIIN: 01-167-0678
MSDS Date: 04/30/1991
MSDS Num: BQCXN
Product ID: PERMATEX BRAKE AND PARTS CLEANER
MFN: 01
Responsible Party
Cage: 08028
Name: LOCTITE CORP AUTOMOTIVE AND CONSUMER GROUP
Address: 4450 CRANWOOD COURT
OD COURT
City: CLEVELAND OH 44128-4004
Info Phone Number: 216-663-3011
Emergency Phone Number: 216-663-3011
Preparer's Name: KATHRYN A. HOLEN
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 08028
Name: LOCTITE CORP AUTOMOTIVE AND CONSUMER GROUP
Address: 4450 CRANWOOD COURT
City: CLEVELAND OH 44128-4004
Phone: 216-663-3011

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Item Description Information
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Item Manager: S9G
Item Name: CLEANER,BRAKE PARTS
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: CN
Quantitative Expression: 00000000015OZ
UI Container Qty: 1
Type of Container: CANS/BOX

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Ingredients
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Cas: 71-55-6
RTECS #: KJ2975000
Name: METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III

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% Wt: 75-80
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 350 PPM/450 STEL
ACGIH TLV: 350 PPM/450STEL;9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: 1

Cas: 67-56-1
RTECS #: PC1400000
Name: METHYL ALCOHOL (METHANOL) (SARA III)
% Wt: <4
Other REC Limits: NONE RECOMMENDED
OSHA PEL: S,200PPM/250STEL
ACGIH TLV: S,200PPM/250STEL; 93
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 20-25
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9293
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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: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: THE PRODUCT IS IRRITATING TO BODY TISSUES AND MODERATELY TOXIC BY INGESTI
ON OR INHALATION. THE CHEMICALS HAVE BEEN SHOWN TO CAUSE REPRODUCTIVE EFFECTS. MFR BELIEVES THAT WITH PROPER PRECAUTIONS, NORMA L USE OF THIS PRODUCT WILL NOT POSE THESE HAZARDS.
Explanation Of Carcinogenicity: THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Signs And Symptoms Of Overexposure: MAY CAUSE IRRITATION TO EYE, NOSE, THROAT. MAY IRRITATE SENSITIVE SKIN AND CAUSE HEADACHE, NAUSEA, DIZZINESS.
Medical Cond Aggravated By Exposure: NONE SPEC

IFIED BY MANUFACTURER.

First Aid: INGEST:DO NOT INDUCE VOMITING AND GET MEDICAL ATTENTION. INHAL:
REMOVE TO FRESH AIR. SKIN:WASH WITH SOAP & WATER. EYE:FLUSH WITH WATER
FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: ALLOW TO EVAPORATE WITH GOOD VENTILATION. SOAK UP
WITH ABSORBENT MATERIAL.

Neutralizing Agent: NONE SPECIFIED
BY MANUFACTURER.

Waste Disposal Methods: FOLLOW EPA, LOCAL, STATE, AND FEDERAL REGULATIONS FOR
DISPOSAL OF CHLORINATED SOLVENTS AND PRESSURIZED CONTAINERS. DO NOT INCINERATE
PRESSURIZED CANS.

Handling And Storage Precautions: STORE BELOW 130 F. CONTENTS UNDER PRESSURE.
DO NOT PUNCTURE OR INCINERATE. DEPRESSURIZE BEFORE DISPOSAL.

Other Precautions: AVOID PROLONGED BREATHING OF VAPOR.

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Fire and Explosion Hazard Information
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Flash Point Text: SEE SUPP DATA

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: CO2, FOAM, DRY CHEMICAL

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO
COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: CONTENTS UNDER PRESSURE! EXPOSURE TO
TEMPERATURES OVER 130 F MAY RESULT IN RUPTURE OF THE CONTAINER.

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Control Measures
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Respiratory Protection: SUPPLIER DID NOT ADDRESS THIS FIELD.

Ventilation: PROVIDE ADEQUATE VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS
BELOW TLV/PEL.

Protective Gloves: NO INFORMATION GIVEN ON MSDS BY MFR.

Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: MFR: ? :USE GOOD CHEMICAL HYGIENE

PRACTICE. AVOID

UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health: MFR LISTS FLASH POINT AT -140F; THE FLASH POINT OF PROPANE. THE CONTAINER IS LISTED FOR IATA SHIPMENT AS AEROSOL, NON-FLAMMABLE. **MSDS RECEIVED FROM NAVY (FOCAL POINT N). CAGE CODE AND NSN IDENTIFIED BY THEM.

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Physical/Chemical Properties
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HCC: N1

NRC/State LIC No

: NONE

B.P. Text: "N/A"

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 78 PSIG

Vapor Density: >1.0

Spec Gravity: 1.01

Evaporation Rate & Reference: UNKNOWN

Solubility in Water: NONE.

Appearance and Odor: CLEAR, NOT SPRAY WITH A MILD ODOR

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Material

Is To Avoid: NONE KNOWN.

Hazardous Decomposition Products: NONE KNOWN

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 Tran

sport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party

Cage: 08028

Trans ID NO: 112535

Product ID: PERMATEX BRAKE AND PARTS CLEANER

MSDS Prepared Date: 04/30/1991

Review Date: 03/19/1993

MFN: 1

Tech Entry NOS Shipping Nm: 1,1,1-TRICHLOROETHANE

Net Unit Weight: 19 OZ

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 1

Type Of Container: CANS/BOX

Detail DOT Information

DOT PSN Code: DTJ

Symbols: D

DOT Proper Shipping Nam

e: 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: 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: ANB

IATA UN ID Num: 1950

IATA Proper Shipping Name: AEROSOLS, NON-FLAMMABLE

IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)

IATA UN Class: 2.2

IATA Label: NON-FLAMMABLE GAS

Packing Note Passenger: 203

Max Quant Pass: 75 KG

Max Quant Cargo: 150KG

Packaging Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: HDO

AFI Symbols: *

AFI Proper Shipping Name: COMPRESSED GAS, N.O.S.

AFI Hazard Class: 2.2

AFI UN ID NUM: UN1956

Special Provisions: P5

Back Pack Reference: A6.3, A6.5,A6.6

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HAZCOM Label
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Product ID: PERMATEX BRAKE AND PARTS CLEANER

Cage: 08028

Company Name: LOCTIT

E CORP AUTOMOTIVE AND CONSUMER GROUP

Street: 4450 CRANWOOD COURT

City: CLEVELAND OH

Zipcode: 44128-4004

Health Emergency Phone: 216-663-3011

Label Required IND: Y

Date Of Label Review: 03/19/1993

Status Code: C

MFG Label NO: NONE

Label Date: 03/19/1993

Origination Code: F

Eye Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: THE PRODUCT IS IRRITATING TO BODY TIS

SUES AND

MODERATELY TOXIC BY INGESTION OR INHALATION. THE CHEMICALS HAVE BEEN SHOWN TO CAUSE REPRODUCTIVE EFFECTS. MFR BELIEVES THAT WITH PROPER PRECAUTIONS, NORMAL USE OF THIS PRODUCT WILL NOT POSE THESE HAZARDS. STORE BELOW 130 F. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE. DEPRESSURIZE BEFORE DISPOSAL. FIRST AID: INGEST:DO NOT INDUCE VOMITING AND GET MEDICAL ATTENTION. INHAL: REMOVE TO FRESH AIR. SKIN:WASH WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

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