

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

MSDS Safety Information

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

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

Contractor Summary

Cage: 08028

Name: LOCTITE CORP AUTOMOTIVE AND CONSUMER GROUP

Address: 4450 CRANWOOD COURT

City: CLEVELAND OH 44128-4004

Phone: 216-663-3011

Item Description Information

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

Ingredients

Cas: 71-55-6

RTECS #: KJ2975000

Name: METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

% Wt: 75-80

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 350 PP

M/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: ASPHYXIA NT; 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 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.
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 SPECIFIED BY MANUFACTURER.
First Aid: INGEST:DO NOT INDUCE VOMITING A

ND 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 CHLRINATED 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 S

UPP 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 EAT

ING 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.

Physical/Chemical Properties

HCC: N1
NRC/State LIC No: NONE
B.P. Text: "N/A"
M.P/F.P Text: UNKNOWN
Decomp Text: UNKNOWN
N
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

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: NONE KNOWN.
Hazardous Decomposition Products: NONE KNOWN
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR

Toxicological Information

Ecological Information

MSDS Transport Information

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Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 08028
Trans ID NO: 112535
Product ID: PERMATEX BRAKE AND PA
RTS 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 Name: CONSUMER COMMODITY
Hazard Class: ORM-D
Label: NONE
Non Bulk Pa
ck: 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: LOCTITE 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 TISSUES AND
MODERATELY TOXIC BY INGESTION OR INHALATION. THE CHEMI

CALS 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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