

CLAIRE MANUFACTURING CO -- GLEME GLASS CLEANER 19OZ, 050 -- 7930-00-462-1892

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Product Identification
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Product ID:GLEME GLASS CLEANER 19OZ, 050

MSDS Date:05/17/1991

FSC:7930

NIIN:00-462-1892

MSDS Number: BSRBF

=== Responsible Party ===

Company Name:CLAIRE MANUFACTURING CO

Address:500 VISTA AVE

City:ADDISON

State:IL

ZIP:60101

Country:US

Info Phone Num:708-543-7600

Emergency Phone Num:708-5

43-7600;800-228-5635

Preparer's Name:PHILLIP T. MILLER

CAGE:FO815

=== Contractor Identification ===

Company Name:CLAIR MFG CO

Address:500 VISTA

Box:City:ADDISON

State:IL

ZIP:60101

Country:US

Phone:630-543-7600

CAGE:31834

Company Name:CLAIRE MANUFACTURING COMPANY

Address:500 VISTA AVENUE

City:ADDISON

State:IL

ZIP:60101

Phone:(708) 543-7600

CAGE:FO815

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Composition/Information on Ingredients
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Ingred Name:ETHANOL, 2-BUTOXY-; (2-BUTOXYETHANOL). LD50 (ORAL,RAT):

1.480

G/KG.
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 3.9%
OSHA PEL:25 PPM, S
ACGIH TLV:25 PPM, S

Ingred Name:ETHYL ALCOHOL; (ETHANOL). LD50 (ORAL,RAT): 13.7 G/KG.
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 10-20%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:METHANOL; (METHYL ALCOHOL). LD50 (ORAL,RAT): 5.6 G/KG.
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 0.8%
OSHA PEL:200PPM;250PPM STEL,S
ACGIH TLV:200PPM;250PPM STEL,S
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:LPG; (LIQU
EFIED PETROLEUM GAS)
CAS:68476-85-7
RTECS #:SE7545000
Fraction by Wt: 1-5%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM

===== Hazards Identification =====

LD50 LC50 Mixture:SEE INGREDIENTS.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:RESPIRATORY IRRITATION. HIGH CONCS MAY
PRODUCE HDCH, DIZZ, & NAUS. PROLONGED OR REPEATED SKIN CONTACT MAY
LEAD TO DRYING, IRRITATIO
N & DERM. POSSIBLE SKIN ABSORPTION. EYE
CONTACT MAY CAUSE BURNING AND IRRITATION. PRODUCT CONTAINS
2-BUTOXYETHANOL, WHICH HAS CAUSED LIVER AND KIDNEY DAMAGE AND
HEMOLYTIC (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HEALTH HAZARDS: ANEMIA IN TEST ANIMALS. ANIMAL
STUDIES CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFFECTS ON CNS,
HEMATOPOIETIC TISSUES, BLOOD, KIDNEYS AND LIVER, ASSOCIATED WITH
ADMINISTRATION OF 2-BU TOXYETHANOL. (EX

TRACTED FROM DHHS (NIOSH)
PUBLICATION NO 90-118) .

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN OR EYE DISORDERS
MAY BE AGGRAVATED BY THIS PRODUCT.

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First Aid Measures
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First Aid:EYE: FLUSH W/PLENTY OF WATER FOR AT LST 15 MINS WHILE HOLDING
EYELIDS OPEN. GET PROMPT MED ATTN. SKIN: REMOVE CONTAMD CLTHG.
FLUSH W/WATER, FOLLOW BY WASHING W/SOAP AND WATER. IF IRRIT OCCURS,
GET MED ATTN. DO NOT REUSE CLTHG UNTIL CLEANED.

INHAL: REMOVE

VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BRTHG IS DFCLT. GIVE ARTF
RESP IF NOT BRTHG. GET MED ATTN. INGEST: CONT LOC POIS CNTRL
CNTR/PHYS IMMED.

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Fire Fighting Measures
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Lower Limits:1.8%

Upper Limits:9.2%

Extinguishing Media:CARBON DIOXIDE, FOAM AND/OR DRY CHEMICAL MAY BE
USED.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP
. CNTNRS SHOULD BE COOLED W/WATER TO PVNT VAP PRESS BUILD UP. USE

EQUIP/SHIELDING, AS REQD, TO PROT (SUPDAT)

Unusual Fire/Explosion Hazard:AT ELEVATED TEMPERATURES (OVER 54C-130F)
CONTAINERS EXPOSED TO DIRECT FLAME OR HEAT CONTACT SHOULD BE COOLED
WITH WATER TO PVNT WEAKENING OF CNTNR STRUCTURE.

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Accidental Release Measures
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION AND VENTILATE
AREA. SOAK UP SPILL WITH AN INERT ABSORBENT AND PLACE INTO
DESIGNATED DISPOSAL CONTAINER. CONSULT LOCAL REGULATOR
Y AGENCY FOR
PROPER DISPOSITION OF MATERIA L.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM HEAT & FLAME. USE
W/ADEQ VENT. DO NOT PUNCTURE/INCIN CNTNRS. DO NOT EXPOS TO DIRECT
SUNLIGHT/STOR AT TEMPERATURES ABOVE 130F(54C).

Other Precautions:STORE AS LEVEL 1 AEROSOL (NFPA 30B). AVOID BREATHING
VAPOR. PLEASE READ AND FOLLOW DIRECTIONS ON PRODUCT LABEL; THEY ARE

YOUR BEST GUIDE TO USING THIS PROD IN MOST EFFECTIVE WAY, AND GIVE
NEC SAFETY P RECAUTIONS TO PROTECT YOUR HEALTH.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED.
IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS, USE NIOSH/MSHA
APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:LOCAL EXHAUST IS ADEQUATE UNDER NORMAL CONDITIONS,
MECHANICAL VENTILATION IS OPTIONAL.

Protective Gl

oves:CHEMICAL RESISTANT GLOVES.

Eye Protection:ANSI APRV CHEMICAL WORKERS GOGGLES (FP N

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING TO PVNT SKIN CONT.
PROT CLTHG & EQUIP SHOULD BE IN ACCORDANCE W/29 CFR 1910.132 & CFR
1910.133.

Work Hygienic Practices:ENSURE STRICT SANITARY CONDITIONS ARE CONFORMED
TO WHEN WORKING AROUND CHEMICALS.

Supplemental Safety and Health

FIRE FIGHT PROCEDURES: PERSONNEL FROM BURSTING, RUPTURING OR VENTING
CONTAINERS.

===== Physical/

Chemical Properties =====

Vapor Pres:140 @ 130F

Vapor Density:>1

Spec Gravity: