

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-

543-7600;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):

1.48

0 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; (LIQ
UEFIED 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, IRRITATI
ON & 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. (E

XTRACTED 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 REGULATO
RY 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 AR

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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 G

loves: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: