

3M -- GLUTAREX DISINFECTING & (SEE SUPP DATA) -- 6840-01-071-8980

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Product Identification
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Product ID:GLUTAREX DISINFECTING & (SEE SUPP DATA)

MSDS Date:04/27/1989

FSC:6840

NIIN:01-071-8980

MSDS Number: BJXQX

=== Responsible Party ===

Company Name:3M

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1341

CAGE:0F0U5

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO, DBA 3M

Address:3M CENTER BLDG 224-5S-04

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:866-556 5712 / 612-733-1110

CAGE:76381

Company Name:PACEBROOK LTD

Address:15 GOSDITCH ST

City:CIRENCESTER GLOS GL7 2AG

Country:UK

Phone:NONE

CAGE:0F0U5

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Composition/Information on Ingredients
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Ingred Name:GLUTARALDEHYDE

CAS:111-30-8

RTECS #:MA2450000

Fraction by Wt: 8.4%

OSHA PEL:C 0.2 PPM

ACGIH TLV:C 0.2 PPM; 9192

Ingred

Name:POTASSIUM NITRITE (1:1)

CAS:7758-09-0

RTECS #:TT3750000

Fraction by Wt: 1.0%

Ingred Name:WATER (DEIONIZED WATER)

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 89.3%

Ingred Name:OTHER INGREDIENTS

Fraction by Wt: 1.2%

Ingred Name:SUPP DATA:CAUSE ASTHMA-LIKE RESP SYS RXNS. CHRONIC OVEREXP
IN ANIMAL STUDIES HAS SHOWN BEHAVIOR CHGS & LIVER DMG. (MFR)

RTECS #:9999999ZZ

Ingred Name:SYMPS OF OVEREXP MAY INCLUDE SUDDEN HDCH,NOSE/THROAT
IRRIT,DIZZ,SHORTNESS OF BREATH & NARCOSIS. INGEST:

HARMFUL. (ING 7)

RTECS #:9999999ZZ

Ingred Name:MAY CAUSE SEVERE DIGEST SYS IRRIT. SYMPS MAY INCLUDE

MOUTH/STOM IRRIT, COUGH,STOM PAIN,NAUSEA, VOMIT, DIARRHEA, (ING 8)

RTECS #:9999999ZZ

Ingred Name:CYANOSIS, MUSCLE CRAMPS, SHOCK/COLLAPSE. PREDICTED HUMAN
LETHAL DOSE OF GLUTARALDEHYDE IS ONE OUNCE (30 GMS).

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES I

ngestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NOTE:MUTAGENIC ACTIVITY HAS BEEN

OBSERVED IN CELL CULTURE ASSAYS. POTASSIUM NITRITE HAS BEEN FOUND

TO BE TERATOGENIC IN LAB ANIMAL STUDIES. POTASSIUM NITRITE WHEN

INGESTED MAY CAUSE DECREASED OXYGEN CARRYING CAPACITY OF THE

BLOOD. THESE EFFECTS ARE NOT EXPECTED AT THIS LOW CONCENTRATION.

(MFR) (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexpos

ure:HLTH HAZ:EYE:CORROSIVE. CAUSES EYE DMG. SYMPS
MAY INCLUDE IRRIT, TEARING, PAIN, SWELLING, DISCHARGE, CORNEAL
OPACITY & IRIS DMG. SKIN:CAUSES IRRIT. GLUTARALDEHYDE MAY CAUSE
ALLERGIC REACTION IN CERTAI N INDIVIDUALS & MAY BE ABSORBED
THROUGH SKIN IN HARMFUL AMTS. SYMPS MAY INCLUDE REDDENING, IRRIT,
DIZZ, (SEE SUPP DATA)
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYE:FLU
SH W/LG AMTS OF WATER FOR AT LEAST 15 MINS. CALL MD.
SKIN:WASH W/ SOAP & WATER. IF IRRIT OCCURS, GET MD. INHAL:REMOVE TO
FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP) . CALL MD.
INGEST:D RINK 2 GLASSES OF MILK OR WATER. DO NOT INDUCE VOMITING.
CALL MD.

===== Fire Fighting Measures =====

Extinguishing Media:WATER
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. CONTAIN SPILL. COVER
W/ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. CLEAN UP RESIDUE.
PLACE IN APPROVED METAL CONTAINER AND SEAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE CONTAINERS IN COOL SAFE AREA
RESERVED FOR DISINFECTING AND STERILIZING SUPPLIES. DO NOT STORE IN
PRESENCE OF PHARMACEUTICALS OR FOOD.
Other Precautions
:WASH HANDS THOROUGHLY BEFORE EATING OR SMOKING.

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

Respiratory Protection:AVOID BRTHG VAPS. KEEP ALL CNTNRS CLOSED OR
COVERED. IF VAPS ARE NOT WELL CONTROLLED, A NIOSH/MSHA APPRVD FULL
FACE PIECE RESPIRATOR W/ORGANIC VAPOR CARTRIDGE WILL BE NEEDED TO
PREVENT IRRITATION OF E YES AND RESPIRATORY TRACT.
Ventilation:USE WITH LOCAL EXHAUST VENTILATION FOR ALL OPEN CONTAINERS.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Prot

ection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:WEAR PROTECTIVE CLOTHING.

Work Hygienic Practices:DO NOT EAT OR SMOKE IN AREA WHEN HANDLING THIS MATERIAL.

Supplemental Safety and Health

MFR'S PART NO:ACTIVATED, 70-2004-4296-3, 6042-9, 6705-1, 7701-9,

7702-7. MATLS TO AVOID:CAUTION SHOULD BE USED TO AVOID IMMERSION OF

& CONTACT BETWEEN DISSIMILAR METALS. HLTH HAZ:DRYING OF SKIN & HDCH

. INHAL:VAP OVEREXP MAY CAUSE SEVERE RESP SYS IRRIT & TEMPORARY

LIGHT HEADEDNESS

. GLUTARALDEHYDE MAY (SEE INGRED 5)

===== Physical/Chemical Properties =====

pH:7.25

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR GREEN LIQUID, ALDEHYDE ODOR

Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

WILL NOT PVNT OR REMOVE OXIDATION CAUSED BY POOR OR IMPROPER PLATING,
CLEANING, OR CARE OF INSTRUMENTS. (SEE SUPP DATA)

Stability Condition to Avoid:NONE SP

ECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE

===== Disposal Considerations =====

Waste Disposal Methods:BLEED SPENT SOLNS/SMALL PROD QTYS,