

J T BAKER INC -- 4171 TRITON X-100 -- 7930-00-985-6911

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Product Identification
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Product ID:4171 TRITON X-100

MSDS Date:06/29/1995

FSC:7930

NIIN:00-985-6911

MSDS Number: CDCJP

=== Responsible Party ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:908-859-2151

Emergency Phone Num:908-859-2151

CAGE:DO803

=== Cont

actor Identification ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:1-800-582-2537

CAGE:DO803

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

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Composition/Information on Ingredients
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Ingred Name:TRITON X-100, OCTYLPHENOXYPOLYETHOXYETHANOL; TRITON X100

CAS:9036-19-5

RTECS #:RI0525000

Ingred Name:POLYE

THYLENE GLYCOL; POLYOXYETHYLENE; PEG 400; PEG 75; PEG
4000; PEG 8000 *96-4*

CAS:25322-68-3

RTECS #:TQ3500000

Fraction by Wt: 1-3%

Other REC Limits:10 MG/CUM

Ingred Name:ETHYLENE OXIDE (SUSPECTED HUMAN CARCINOGEN BY ACGIH, IARC,
& OSHA; IARC GROUP 1; SUSP CARCINOGEN BY NTP) *96-4*

CAS:75-21-8

RTECS #:KX2450000

Fraction by Wt: 0.0010%

ACGIH TLV:1.8 MG/CUM (A2)

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:DIETHYLENE ETHER (DIOXANE), (DIETHYLENE DIOXIDE),
1,4-DIOXANE (ANIMAL
CARCINOGEN BY IARC GROUP 2B;CARC BY NTP) *96-4*

CAS:123-91-1

RTECS #:JG8225000

Fraction by Wt: 0.0055%

Other REC Limits:25 PPM

OSHA PEL:360 MG/CUM

ACGIH TLV:90 MG/CUM (SKIN)

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:ORAL LD50(RAT): 4190 MG/KG (SEE SUPP)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:INHALATION: I

RRITATION TO THE

RESPIRATORY TRACT. EYES: IRRITATION, CHEMICAL BURNS OF THE CORNEA,
IRITIS MAY OCCUR. INGESTION: ASPIRATION INTO THE LUNGS MAY CAUSE
LUNG INJURY.

Explanation of Carcinogenicity:SEE INGREDIENTS

Effects of Overexposure:IRRITATION, NASAL DISCOMFORT & DISCHARGE, CHEST
PAIN, COUGH, DISCOMFORT, REDNESS, PAIN, EXCESS BLINKING & TEAR
PRODUCTION, SWELLING OF THE CONJUNCTIVA, BURNS.

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

First Aid:INGESTI

ON: DON'T INDUCE VOMITING. IF CONSCIOUS, GIVE WATER.

INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: NO SPECIFIC ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS & CLINICAL CONDITION OF THE PATIENT. (SEE SUPP)

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

Flash Point Method:CC

Flash Point:4

85F

Extinguishing Media:LARGE: ALCOHOL-TYPE/ALL PURPOSE FOAM. WATER SPRAY, CO2/DRY CHEMICAL.

Fire Fighting Procedures:DON'T DIRECT WATER/FOAM INTO HOT, BURNING POOLS, MAY CAUSE FROTHING & INCREASE FIRE INTENSITY. USE WATER TO COOL CONTAINERS. (SEE SUPP)

Unusual Fire/Explosion Hazard:MAY PRODUCE A FLOATING HAZARD. CONTACT W/STRONG OXIDIZERS & STRONG REDUCING AGENTS MAY CAUSE FIRE/EXPLOSION.

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

Spill Release Pro

cedures:WEAR EYE/SKIN PROTECTION. FLOOR MAY BE SLIPPERY, USE CAUTION. CONTAIN W/INERT MATERIAL. AVOID DISCHARGE TO NATURAL WATERS. TRANSFER TO SUITABLE CONTAINERS FOR RECOVERY/DISPOSAL. TO AVOID GELLING/FOAMING PROBLEMS, DON'T USE WATER TO FLUSH AWAY.

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

Handling and Storage Precautions:STORE IN A SUITABLE GENERAL CHEMICAL STORAGE AREA. KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM INCOMPATIBLE MATERIALS & DIRECT SUN LIGHT.

Other Precautions:A PRECIPITATE MAY FORM IF STORED AT LOW TEMP. HEAT TO 104-122F W/AGITATION TO RENDER A HOMOGENEOUS SOLUTION. TRACES OF ETHYLENE OXIDES MAY ACCUMULATE IN THE HEAD SPACE OF STORAGE & TRANSPORT VESSELS. THE TLVS OF ETHYLENE OXIDE IS 1 PPM.

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

Respiratory Protection:WHERE MISTING MAY OCCUR, WEAR A NIOSH/MSHA APPROVED HALF-MASK AIR PURIFYING RESPIRATOR.

Ventilation:GENERAL/LOCAL EXHAU

ST VENTILATION.

Protective Gloves:POLY-VINYL CHLORIDE

Eye Protection:SAFETY MONOGOGGLES

Other Protective Equipment:CHEMICAL APRON, SAFETY SHOWER, EYE BATH,
WASHING FACILITIES.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

SPECIAL FIRE CONT'D: WEAR PROTECTIVE EQUIPMENT & SCBA W/FULL FACEPIECE
OPERATED IN POSITIVE PRESSURE MODE. MOVE CONTAINERS W/O RISK. ORAL
LD50 INFORMATION IS FOR OCTYLPHENOXYPOLYETHOXYETHANOL. FIRST A I

D

CONT'D: ASPIRATED MATERIAL MAY CAUSE LUNG INJURY, EMESIS SHOULDN'T
BE INDUCED MECHANICALLY/PHARMOCOLOGICALLY.

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

Boiling Pt:B.P. Text:519F

Melt/Freeze Pt:M.P/F.P Text:73F

Vapor Pres:1

Spec Gravity:1.07

pH:7

Evaporation Rate & Reference:(BU AC =1):