

MAINTEX INC. -- DOUBLE DUTY (CLEANER & NEUTRALIZER) -- 7930-01-412-1020

===== Product Identification =====

Product ID:DOUBLE DUTY (CLEANER & NEUTRALIZER)

MSDS Date:05/16/1994

FSC:7930

NIIN:01-412-1020

MSDS Number: BYZCY

=== Responsible Party ===

Company Name:MAINTEX INC.

Address:13300 NELSON AVE.

City:CITY OF INDUSTRY

State:CA

ZIP:91746

Country:US

Info Phone Num:818-961-1988

Emergency Phone Num:80

0-255-3924 (CHEMTEL)

Preparer's Name:ALI ABYANE

CAGE:NO277

=== Contractor Identification ===

Company Name:MAINTEX INC

Address:13300 NELSON AVE

Box:City:CITY OF INDUSTRY

State:CA

ZIP:91746

Country:US

Phone:818-961-1988

CAGE:0PWJ2

Company Name:MAINTEX INC.

Address:3614 EL MONTE AVE

Box:City:EL MONTE

State:CA

ZIP:91731

Phone:213-283-7380

CAGE:NO277

===== Composition/Information on Ingredients =====

Ingred Name:CITRIC ACID,

CAS:77-92-9

RTECS #:GE7350000

Fraction by Wt: 1-3%

Other

REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: DIRECT CONTACT W/CONCENTRATED  
PROD. MAY CAUSE MODERATE IRRITATION, TEARING, REDNESS. SKIN: MILD  
IRRITANT. REPEATED/PROLONGED CONTACT MAY IRRITATE OR DRY.  
INHALATION: NOT EXPECTED TO BE A PROBLEM , UNLESS CONCENTRATED  
PRODUCT HEATED & I  
NHALED. INGESTION: MAY IRRITATE GASTROINTESTINAL  
TRACT, CAUSING NAUSEA/DIARRHEA.  
Effects of Overexposure:OVEREXPOSURE MAY RESULT IN ALLERGIC SKIN  
REACTIONS. EYES: STINGING, WATERING. SKIN: IRRITATION,  
INFLAMMATION.

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

First Aid:EYES: GENTLY IRRIGATE W/LARGE AMOUNTS COOL WATER 15 MINUTES.  
SEEK MEDICAL ATTN. SKIN: WASH W/WATER. INHALATION: IF DISCOMFORT  
EXPERIENCED, REMOVE TO FRESH AIR. IF BREATHING DIFFICULT,  
GIVE  
OXYGEN, CAL L PHYSICIAN. INGESTION: WASH MOUTH AREA. GIVE MODERATE  
AMOUNTS FLUID (WATER/MILK) TO DILUTE. DO NOT INDUCE VOMITING. SEEK  
MEDICAL ATTN.

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

Flash Point Method:TCC  
Flash Point:>212F,>100C  
Extinguishing Media:WATER SPRAY, FOAM, CO2, DRY CHEMICAL.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR POSITIVE PRESSURE  
SCBA W/FULL FACE PIECE.  
Unusual Fire/Explosion Hazard:USE WATER FOG/SPRAY TO COOL & LO  
WER  
PRESSURE OF FIRE-EXPOSED CONTAINERS, TO FLUSH VAPORS AWAY.

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

Spill Release Procedures:LARGE (>55 GL): WEAR RUBBER BOOTS, GLOVES &  
APPROPRIATE PROTECTIVE CLOTHING. SHUT OFF LEAK SOURCE IF SAFE.  
DIKE/CONTAIN SPILL. SMALL: MOP & RINSE AREA.

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

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN. DO NOT  
GET IN EYES, ON SKIN OR CLOTHING.

DO NOT TAKE INTERNALLY. KEEP  
PRODUCT FROM SPLASHING INTO EYES.

Other Precautions:WARNING: FLOORS MAY BE SLIPPERY. USE CARE WALKING,  
WORKING, STANDING IN SPILL.

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

Respiratory Protection:FOR MISTS/SPRAYED MATERIAL USE NIOSH APPROVED  
RESPIRATOR.

Ventilation:IN CONFINED AREAS PROVIDE ADEQUATE LOCAL EXHAUST  
VENTILATION.

Protective Gloves:RUBBER: DECREASES DRYNESS/IRRITATION.

Eye Protection:CHEMICAL SPLASH GOGGLES.

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

Boiling Pt:B.P. Text:>212F,>100C

Melt/Freeze Pt:M.P/F.P Text:>32F,>0C

Vapor Pres:>17 @ 68F

Vapor Density:>1

Spec Gravity:1.01

pH:3-5

Evaporation Rate & Reference: