

MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY) -- PC:P451 MALACHITE GREEN  
HYDROCHLORIDE, 87-3520 -- 6910-01-188-9759

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

Product ID:PC:P451 MALACHITE GREEN HYDROCHLORIDE, 87-3520

MSDS Date:01/04/1994

FSC:6910

NIIN:01-188-9759

MSDS Number: CFLFB

=== Responsible Party ===

Company Name:MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

Address:222 RED SCHOOL LANE

City:PH

ILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:800-582-2537 EXT 6501

Emergency Phone Num:800-582-2537 EXT 6501/800-424-9300

CAGE:EO303

=== Contractor Identification ===

Company Name:CAROLINA BIOLOGICAL SUPPLY CO

Address:2700 YORK RD

Box:City:BURLINGTON

State:NC

ZIP:27215-3387

Country:US

Phone:800-227-1150/910-584-0381

CAGE:59896

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

Compan

y Name:MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)  
Address:222 RED SCHOOL LANE  
Box:NONE  
City:PHILLIPSBURG  
State:NJ  
ZIP:08865-2219  
Country:US  
Phone:800-582-2537 EXT 6501/908-859-2151  
CAGE:EO303

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

Ingred Name:C.I. BASIC GREEN 4 (SARA 313); (MALACHITE GREEN  
HYDROCHLORIDE)  
CAS:569-64-2  
RTECS #:BQ1180000  
Fraction by Wt: 90-100%  
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====  
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LD50 LC50 Mixture:ORAL MOUSE LD50 80MG/KG  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:NONE IDENTIFIED.SKIN  
CONTACT:IRRIT,PROL CONTACT MAY CAUSE DERM.EYE CONTACT:IRRIT.SKIN  
ABSORPTION:NONE IDENTIFIED.INGEST:MAY BE HARMFUL.CHRONIC:NONE  
IDENTIFIED.  
Explanation of Carcinogenicity:PER  
MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO.CARC:NONE IDENTIFIED.  
Effects of Overexposure:INHAL:NONE  
IDENTIFIED.SKIN CONTACT:IRRIT,PROL  
CONTACT MAY CAUSE DERM.EYE CONTACT:IRRIT.SKIN ABSORPTION:NONE  
IDENTIFIED.INGEST:MAY BE HARMFUL.CHRONIC EFFECTS:NONE IDENTIFIED.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED. TARGET ORGANS:NONE  
IDENTIFIED.

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

First Aid:INGEST:CALL DR.IF INGEST,IF CONSC IMMED INDUCE  
VOMIT.INHAL:REMOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.IF BREATH  
IS DIFFI GIVE OXY.PROMPT ACTION IS ESS

ENTIAL.SKIN:IN CASE OF

CONTACT FLUSH SKIN W/WATE R.EYE:IN CASE OF EYE CONTACT IMMED FLUSH  
W/PLENTY OF WATER FOR @LEAST 15MINS.

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

Flash Point:NA

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR  
SURROUNDING FIRE.

Fire Fighting Procedures:NONE IDENTIFIED

Unusual Fire/Explosion Hazard:NONE IDENTIFIED

===== Accidental R  
elease Measures =====

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL  
PROTECTIVE CLOTHING.WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL  
INTO CLEAN DRY CONTAINER & COVER;REMOVE FROM AREA.FLUSH SPILL AREA  
W/WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.SUITABLE  
FOR ANY GENERAL CHEMICAL STORAGE AREA.

Oth

er Precautions:SAF-T-DATA STORAGE COLOR CODE:ORANGE(GENERAL  
STORAGE).

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION  
CONDITIONS EXIST.IF AIRBORNE CONCEN IS HIGH USE AN APPROPRIATE  
RESPIRATOR OR DUST MASK.

Ventilation:USE ADEQUATE GEN OR LOCAL EXHAUST VENTILATION TO KEEP FUME  
OR DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:RUBBER GLOVES RECOMMENDED

Eye Protection:SAF GOGGLES

Other Protectiv

e Equipment:UNIFORM

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:NA

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

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:NA

Viscosity:NP

Evaporation Rate & Reference:NA

Solubility in Water:APPRECIABLE (>10%)

Appearance and Odor:GREEN CRYSTALS, SOLID

Percent Volatiles by Volume:0

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE DOCUMENTATED

Hazardous Decomposition Products:OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPO IS ACCORDANCE WITH APPLICABLE

FED/STATE/LOC ENVIRO REGS.SARA 313 TOXIC CHEMS:YES,CONTAINS CI

BASIC GREEN 4.

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