

BIO SCIENTIFIC CORP -- CHLORINATION KIT, OTO TABLETS -- 6850-00-270-6225

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Product Identification  
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Product ID:CHLORINATION KIT, OTO TABLETS

MSDS Date:04/16/1991

FSC:6850

NIIN:00-270-6225

Kit Part:Y

MSDS Number: BJRDK

=== Responsible Party ===

Company Name:BIO SCIENTIFIC CORP

Address:2999 ALL AMERICAN BLVD

City:ORLANDO

State:FL

ZIP:32810-4334

Country:US

Info Phone Num:305-291-1976

Emergen

cy Phone Num:305-291-1976

Preparer's Name:VICKI MCCLURRY

CAGE:67007

=== Contractor Identification ===

Company Name:BIO SCIENTIFIC CORP

Address:2999 ALL AMERICAN BLVD

Box:City:ORLANDO

State:FL

ZIP:32810-4334

Country:US

Phone:305-291-1976

CAGE:67007

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Composition/Information on Ingredients  
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Ingred Name:BENZIDINE, 3,3'-DIMETHYL-, DIHYDROCHLORIDE (O-TOLIDINE  
DIHYDROCHLORIDE)

CAS:612-82-8

RTECS #:DD1226000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE, SKIN, GASTROINTESTINAL &  
RESPIRATORY TRACT IRRITATION. CHRONIC: PROLONGED OR REPEATED SKIN  
CONTACT MAY RESULT IN AN ALLERGIC SKIN REACTION.  
Explanation of Carcinogenicity:THIS MATERIAL IS LISTED AS A CARCINOGEN  
BY IARC AND NTP.  
Effects of Overexposure:EYE, SKIN, GAST  
ROINTESTINAL & RESPIRATORY TRACT  
IRRITATION SUCH AS TEARING, RASH, NAUSEA OR DIFFICULTY IN  
BREATHING.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, STOMACH OR  
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures  
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First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING  
EYELID. GET MEDICAL ATTENTION IMMEDIATEL  
Y. SKIN: WASH WITH SOAP &  
WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE.  
INHALATION: REMOV E TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION  
IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL  
ATTENTION IMMEDIATELY.

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Fire Fighting Measures  
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Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING TO PREVENT CONTACT W  
ITH SKIN AND EYES.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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Accidental Release Measures  
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Spill Release Procedures:SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR  
INERT ABSORBENT. PUT IN DISPOSAL CONTAINER. DO NOT HANDLE WITH BARE  
HANDS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage

Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT INGEST. USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPOR OR MIST. DO NOT GET IN EYES. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. AVOID REPEATED OR PROLONGED CONTACT WITH SKIN OR EYES.

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

Respiratory Protection:W

WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV. WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS OF CONTAMINATES.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST RECOMMENDED FOR USE IN ENCLOSED AREAS.

Protective Gloves:NEOPRENE OR NATURAL RUBBER GLOVES

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES. LAUNDRY CONTAMINATED CLOTHING BEFORE WEARING. KEEP WORK AREA CLEAN.

Supplemental Safety and Health

KEY1=T6. ITEM IS A KIT CONSISTING OF 100 TUBES OF CALCIUM HYPOCHLORITE (PNI A) AND 3 BOTTLES OF O-TOLIDENE DIHYDROCHLORIDE (PNI B) + 3 VIALS OF COLOR STANDARDS FOR 1,5,10 PPM CHLORINE EACH.

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

HCC:D1

Solubility

in Water:SLIGHT

Appearance and Odor:OFF-WHITE SOLID

Percent Volatiles by Volume:0 %

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE, OXIDES AND TOXIC BYPRODUCTS OF NITROGEN.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

RDANCE WITH ALL

APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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