

## **1-2-3-4-BUTANETETRACARBOXYLIC ACID P, 2492B**

### **MSDS Number**

BXGNX

### **National Stock Number**

6810-00N059193

### **Product Name**

1-2-3-4-BUTANETETRACARBOXYLIC ACID P, 2492B

### **Manufacturer**

CHEM SERVICE INC

### **Product Identification**

Product ID:1-2-3-4-BUTANETETRACARBOXYLIC ACID P, 2492B

MSDS Date:12/01/1990

FSC:6810

NIIN:00N059193

MSDS Number: BXGNX

### **Responsible Party**

CHEM SERVICE INC

WEST CHESTER , PA 19381

US

Emergency Phone: 215-692-3026

Info Phone: 215-692-3026

Cage: 84898

### **Contractor**

CHEM SERVICE, INC

599

WEST CHESTER, PA 19301-9650

US

610-692-3026

Cage: 8Y898

### **Ingredients**

1,2,3,4-BUTANETETRACARBOXYLIC ACID;

CAS: 1703-58-8

RTECS: EK6100000

OSHA PELN/K

ACGIH TLV: N/K

AN ANTIDOTE IS A SUBSTANCE INTENDED TO COUNTERACT

RTECS: 9999999ZZ

MD/TRAINED EMERGENCY PERSONNEL. MEDICAL ADVICE CAN

RTECS: 9999999ZZ

### **Hazards**

LD50 LC50 Mixture:LD50 (ORAL RAT): 1720MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: CAN CAUSE EYE AND SKIN  
IRRITATION. DUST AND/OR VAPORS CAN CAUSE IRRITATION TO RESPIRATORY  
TRACT. CAN BE IRRITATING TO MUCOUS MEMBRANES. MAY BE HARMFUL IF  
ABSORBED THROUGH SKIN, INHALED OR SWALLOWED. CHRONIC: NONE  
SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES: FLUSH CONTINUOUSLY W/WATER FOR AT LEAST 15 MIN. SKIN:  
FLUSH W/WATER FOR 15-20 MIN. IF NO BURNS HAVE OCCURRED, USE SOAP &  
WATER TO CLEANSE SKIN. INHAL: REMOVE PATIENT TO FRESH AIR. ADMIN  
OXYGEN IF HAVING DIFFICULTY BREATHING. IF BREATHING HAS STOPPED ADMIN ART  
RESP. IF PATIENT IS IN CARDIAC ARREST ADMIN CPR. INGEST: CALL MD IMMEDIATELY  
. CONTINUE LIFE SUPPORTING MEASURES UNTIL MEDICAL ASSISTANCE HAS (SUPPORT  
DATA)

## Fire Fighting

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER OR SPRAY.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

## Accidental Release

Spill Release Procedures:EVACUATE AREA. WEAR APPROPRIATE OSHA REGULATED  
EQUIPMENT. VENTILATE AREA. SWEEP UP AND PLACE IN AN APPROPRIATE  
CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SURFACES TO REMOVE  
ANY RESIDUES.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:THIS CHEMICAL SHOULD BE HANDLED ONLY IN  
HOOD. USE APPROPRIATE NIOSH/MSHA APPROVED SAFETY EQUIP. AVOID CONTACT W/SKIN,  
EYES & CLOTHING. STORE ONLY W/COMPATIBLE CHEMICAL.  
Other Precautions:KEEP TIGHTLY CLOSED IN COOL DRY PLACE. ALL CHEMICAL SHOULD  
BE CONSIDERED HAZARDOUS. AVOID DIRECT PHYSICAL CONTACT. THIS PRODUCT IS  
FURNISHED FOR LAB USE ONLY! MAY NOT BE USED AS DRUGS, COSMETICS,  
AGRICULTURAL/PESTICIDAL PRODUCT, FOOD ADDITIVES/HOUSEHOLD CHEMICAL.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE  
FOR EXPOSURE OF CONCERN .  
Ventilation:NONE SPECIFIED BY MANUFACTURER.  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:CONTACT LENSES SHOULD NOT BE WORN IN THE LAB.  
Supplemental Safety and Health  
FIRST AID PROCEDURE: ARRIVED. REMOVE & WASH CONTACT CLOTHING. IF PATIENT  
EXHIBITING SIGNS OF SHOCK, KEEP WARM & QUIET. CONTACT POISON CONTROL CENTER  
IMMEDIATELY IF NEEDED. DO NOT ADMINISTER LIQUID/INDUCE VOMIT TO UNCONSCIOUS/CONVULSING  
PERSONS. IF PATIENT VOMITS WATCH CLOSELY TO MAKE SURE AIRWAY DOES NOT  
BECOME OBSTRUCTED BY VOMIT. GET MEDICAL ATTENTION IF NEEDED. (INGEST 2)

## Chemical Properties

Melt/Freeze Point:M.P/F.P Text:385F,196C  
Appearance and Odor:CRYSTALLINE SOLID

## Stability

Stability Indicator/Materials to Avoid:YES  
REACTS WITH ACID HALIDES AND ANHYDRIDES.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

## Disposal

Waste Disposal Methods: BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS .

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