

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-631/6315-21-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
6315-21-5  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
(4-METHYLPHENYL)METHYL, BUTANEDIOIC ACID

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST AND ACID GAS(MISTS),DEPENDING ON THE AIRBORN CONCENTRATION.

**Ventilation:**  
LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
CHEMICAL SPLASH GOGGLES

**Other Protective Equipment:**  
Equipment IMPERVIOUS APRON AND GAUNTLETS,WORK SHOES WITH RUBBER OVERSHOES.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

**Work Hygienic Practices:**  
WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

**Supplemental Safety and Health:**  
NONE

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT) IS 15G/KG

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
\*\*CORROSIVE\*\* EYES:MAY CAUSE SEVERE IRRITATION AND PERMANENT DAMAGE OR BLINDNESS.SKIN:MAY CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:THE NEUTR ALIZED PRODUCT HAS BEEN ASSOCIATED WITHKIDNEY DAMAGE IN ANIMALS.

**Explanation Of Carcinogenicity:**  
THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

**Signs And Symptions Of Overexposure:**  
CORROSIVE TO TISSUE AND MUCOSA.

**Medical Cond Aggravated By Exposure:**  
PERSONS WITH PRE-EXISTING SKIN AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

**First Aid:**  
SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.GET MEDICAL ATTENTION IF IRRITATION PERSISTS.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE PLENTY OF WATER.

**Spill Release Procedures:**  
USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.WASH SPILL AREA TO REMOVE SL IPPINESS.

**Neutralizing Agent:**  
NOT REPORTED.

**Waste Disposal Methods:**  
INCINERATE OR DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.OPEN DUMPING OR BURNING IS PROHIBITED.

**Handling And Storage Precautions:**  
STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM OXIDIZERS.

**Other Precautions:**  
FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P 3

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
THIS PRODUCT IS AN AQUEOUS SOLUTION.USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**  
USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

**Unusual Fire/Explosion Hazard:**  
FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

## Physical/Chemical Properties

**HCC:**  
C2

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**  
=100.C, 212.F

**B.P. Text:**

**Melt/Freeze Pt:**  
=-10.C, 14.F

**M.P/F.P Text:**

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN 4

**Vapor Pres:**  
24

**Vapor Density:**  
0.02

**Volatile Org Content %:**

**Spec Gravity:**  
1.16-1.18

**VOC Pounds/Gallon:**

**PH:** <2

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
MISCIBLE

**Appearance and Odor:**  
LIQUID;AMBER;SLIGHT ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
CORROSIV

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
CARBON DIOXIDE,CARBON MONOXIDE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/R

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P