

## **O-TOLIDINE DIHYDROCHLORIDE**

### **MSDS Number**

BSWTX

### **National Stock Number**

6810-00N047877

### **Product Name**

O-TOLIDINE DIHYDROCHLORIDE

### **Manufacturer**

MALLINCKRODT

### **Product Identification**

Product ID: O-TOLIDINE DIHYDROCHLORIDE

MSDS Date: 04/06/1989

FSC: 6810

NIIN: 00N047877

MSDS Number: BSWTX

### **Responsible Party**

MALLINCKRODT

PARIS , KY 40361

US

Emergency Phone: 314-982-5000

Info Phone: 315-982-5000

Cage: ZA916

### **Contractor**

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

### **Ingredients**

CONTROL THE EMISSIONS OF THE CONTAM AT ITS

RTECS: 9999999ZZ

WORK AREA. PLEASE REFER TO THE ACGIH DOCUMENT

RTECS: 9999999ZZ

MOST RECENT EDITION, FOR DETAILS.

RTECS: 9999999ZZ

BENZIDINE, 3,3'DIMETHYL-, DIHYDROCHLORIDE; (O-TOLIDINE

CAS: 612-82-8

RTECS: DD1226000

OSHA PELN/K

ACGIH TLV: N/K

## Hazards

LD50 LC50 Mixture:LD50:(ORAL,RAT) 404 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL: DUST IS MILDLY IRRIT TO THROAT AND LUNGS BECAUSE OF HYDROCHLORIC ACID. INGEST: TOXIC EFTS NOT FULLY UNDERSTOOD. EXTREMELY LARGE ORAL DOSAGES MAY PRODUCE GI DISTRUBANCES. MAY CREATE A BLADDER IR RIT. MATL IS SLIGHTLY ACIDIC. SKIN: NO ADVERSE EFTS EXPECTED BUT DUST MAY CAUSE MECHANICAL IRRIT. (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ: SKIN ABSORP MAY OCCUR, BUT THE TOXIC EFTS ARE NOT WELL KNOWN. EYE: MAY BE IRRIT TO EYES. CHRONIC: NO INFORMATION FOUND RELATING TO CHRONIC EFTS IN MAN. ACGIH CLASSIFIED O-TOLIDINE AS BEING A SUSPECT HUMAN CARCINOGEN.  
Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

## First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. GET MED ATTN FOR ANY BRTHG DFCLTY. INGEST:INDUCE VOMIT IMMED BY GIVING TWO GLASSES OF WATER, OR MILK IF AVAIL & STICKING FINGER DOWN THROAT. CALL A PHYSICIAN IMMED. NEVER GI VE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN: REMOVE ANY CONTAM CLTHG. WASH SKIN W/SOAP OR MILD DETERGENT & WATER FOR @ LST 15 MIN. GET MED ATTN IF IRRIT DEVELOPS OR PERSISTS. (SUPP DATA)

## Fire Fighting

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR CARBON DIOXIDE.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:FINE DUST DISPERSED IN AIR IN SUFFICIENT CONCENTRATIONS, AND IN THE PRESENCE OF AN IGNITION SOURCE IS A POTENTIAL DUST EXPLOSION HAZARD. AS W/MOST (ING 4)

## Accidental Release

Spill Release Procedures:VENT AREA OF LEAK/SPILL. CLEAN-UP PERSONNEL REQUIRE PROT CLTHG & RESP PROT FROM DUST. SPILLS: PICK UP & PLACE IN A SUITABLE CNTNR FOR RECLAMATION/DISP IN A METHOD THAT DOES NOT GENERATE DUST.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP IN A TIGHTLY CLSD CNTNR. PROT FROM PHYSICAL DMG. STORE IN A COOL, DRY, VENT AREA AWAY FROM SOURCES OF HEAT, MOISTURE, & INCOMPATIBILITIES.  
Other Precautions:WEAR SPECIAL PROT EQUIP FOR MAINTAINENCE BREAK-IN OR WHERE EXPOSURES MAY EXCEED ESTABLISHED EXPOSURE LEVELS. WASH HANDS, FACE, FOREARMS AND NECK WHEN EXITING RESTRICTED AREAS. SHOWER, DISPOSE OF OUTER CLOTHING, CHANGE TO CLEAN (SUPP DATA)

## Exposure Controls

Respiratory Protection:IF THE TLV IS EXCEEDED, A NIOSH/MSHA APPROVED DUST/MIST RESPIRATOR MAY BE WORN WHEN WORKING WITH THIS MATL. MAINTAIN EYE WASH FOUNTAIN AND QUICK DRENCH FACILITIES IN WORK AREA.  
Ventilation:A SYSTEM OF LOC &/OR GEN EXHST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURE BELOW THE AIRBORNE EXPOSURE LIMITS. (SUPP DATA)  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:CHEMICAL SAFETY GOGGLES.  
Other Protective Equipment:PROT CLTHG, INCLUDING BOOTS, GLOVES, LAB COAT, APRON OR COVERALLS TO PREVENT SKIN CONTACT.  
Work Hygienic Practices:WASH HANDS BEFORE EATING AND DO NOT EAT, DRINK, OR SMOKE IN WORKPLACE.  
Supplemental Safety and Health

SKIN. FIRST AID PROC: EYE: WASH THORO W/RUNNING WATER FOR AT LEAST 15 MIN. GET MED ADVICE IF IRRIT DEVELOPS. OTHER PREC: GARMENTS AT THE END OF THE DAY. AVOID CROSS-CONTAMINATION OF STREET CLOTHES. VE NT: LOC EXHST VENT IS GENERALLY PREFERRED BECAUSE IT CAN (ING 2)

## Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:266F,130C

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE TO REDDISH CRYSTALS. SLIGHTLY HYDROCHLORIC ACID ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:DECOMPOSES ON EXPOSURE TO LIGHT.

Hazardous Decomposition Products:HYDROCHLORIC ACID AND AMINE FUMES ON DECOMPOSITION.

## Disposal

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE DISPOSED IN A RCRA APPROVED HAZARDOUS WASTE FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.