

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-845/845-10-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
845-10-3  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
2((4-(DIMETHYLAMINO)PHENYL)AZO)BENZIC ACID

**Other REC Limits:**  
NONE RECOMMENDED 3

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

**OSHA STEL:**

**Code:**

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

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

## Control Measures

**Respiratory Protection:**  
NONE EXPECTED TO BE NEEDED.

**Ventilation:**  
LOCAL EXHAUST OR GENERAL (MECHANICAL) ROOM VENTILATION IS EXPECTED TO BE SATISFACTORY. 6

**Protective Gloves:**  
PVC-COATED(ESPEC FOR BULK SOLN HNDLG)

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment EYE BATH AND SAFETY SHOWER(FOR BULK SOLN HNDLG).

**Work Hygienic Practices:**  
DONT GET INTO EYES.AVOID PROL/REP SKIN CONTACT.WASH W/SOAP/WATER AFTER USE.DONT TAKE INTERNALLY.

**Supplemental Safety and Health:**  
N/P

## Health Hazards Data

**LD50LC50Mixture:**  
NONE SPECIFIED BY MANUFACTURER.

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHAL:MAY CAUSE MILD IRRIT TO NOSE/THROAT.CONTACT W/SKIN/EYES:MAY CAUSE IRRIT.ABSORBED THRU SKIN:MAY BE HARMFUL BY EXPOSURE OF LARGE QUANTITIES.SWALLOWED:TOXIC.INGEST IN LG QUANT MAY CAUSE DROWSINESS & LOSS OF CONSC,STOMACH CRAMPS,PAIN,NAUS,VOMITING,DIARR MAY OCCUR.

**Explanation Of Carcinogenicity:**  
PER MSDS:CARCINOGENCITY:NTP-DO DATA HAS BEEN ESTABLISHED,IARC/OSHA-NA.

**Signs And Symptions Of Overexposure:**  
ACUTE:SEE ABOVE INFO.CHRONIC:PROL SKIN CONTACT W/LG AMTS OF SOLN COULD CAUSE SKIN IRRIT OR ALLERGIC RX.

**Medical Cond Aggravated By Exposure:**  
SEE ABOVE HEALTH INFORMATION.

**First Aid:**  
GET MED ASSISTANCE IF ANY ADVERSE EFFECTS SHOULD DEVELOPER.EYE:IMMED FLUSH W/LG AMTS OF WATER FOR @LEAST 15MINS.SKIN:IMMED FLUSH W/WATER AND WASH W/SOAP/LG AMTS OF WATER.INHAL:REMOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.BREATHING DIFFICULT GIVE OXY.CALL PHYSICIAN.SWALLOWED:IF CONSC INDUCE VOMITING AND CALL PHYSICIAN.

**Spill Release Procedures:**  
SMALL SPILLS SHOULD BE FLUSHED W/LG AMTS OF WATER.LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
5 INCINERATE IN CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER AND SCRUBBER FOR DISPOSAL OF LARGE AMTS OF SOLUTION.

**Handling And Storage Precautions:**  
STORE IN COOL DRY AREAS AT CONTROLLED ROOM TEMPERATURES.AVOID HIGH TEMPERATURES AND FREEZING TEMPERATURES.

**Other Precautions:**  
DONT GET INTO EYE/SKIN/CLOTHING.WASH THOROUGHLY AFTER HANDLING.STORE AT CONTROLLED ROOM TEMPS & AT DRY LOCATIONS.PROT MEASURES DURING MAINTENANCE OF CONTAM EQPMT:WEAR FULL COVER CLOTH,GOGG,GLOVES WHEN EXPO TO BULK SOLN HNDLG.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NON-FLAMM

**Autoignition Temp:**

**Autoignition Temp Text:**  
NP

**Lower Limits:**  
NA

**Upper Limits:**  
NA

**Extinguishing Media:**  
USE CO2,DRY CHEMS,ALCOHOL TYP OR UNIVERSAL TPYE FOAMS APPLIED BY MFGS RECOMMENDED TECHNIQUES.

**Fire Fighting Procedures:**  
USE SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE LCOHT.DONT DIRECT SOLID STREAM OF WATER OR FOAM INTO HOT/BURNING POOLS,THIS MAY CAUSE FROTH/INCR INTENSITY.

**Unusual Fire/Explosion Hazard:**  
CAN EMIT TOXIC FUMES UNDER FIRE.VAPS MAY FORM FRM PRODUCT & MAY TRAVEL OR BE MOVED AIR CURRENTS & BE IGNITED BY PILOT LIGHTS & OTHER SIMILAR OF ELECTR SOURCES.

## Physical/Chemical Properties

**HCC:**  
N1

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

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/AVAI

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
NP

**Vapor Pres:**  
NA

**Vapor Density:**  
>1

**Volatile Org Content %:**

**Spec Gravity:**  
1.015

**VOC Pounds/Gallon:**

**PH:** NP

**VOC Grams/Liter:**

**Viscosity:**  
NP

**Evaporation Rate & Reference:**  
7

**Solubility in Water:**  
VERY GOOD

**Appearance and Odor:**  
GREEN TO RED SOLUTIONS, MILD ODOR

**Percent Volatiles by Volume:**  
NP

**Corrosion Rate:**  
NP

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Kondition To Avoid:**  
HEAT, SPARKS, FLAMES.

**Materials To Avoid:**  
AVOID STRONG BASES,STRONG ACIDS,STONG OXIDIZERS,ALDEHYDES,HALOGENS, AND HALOGEN COMPOUNDS.

**Hazardous Decomposition Products:**  
MIGHT DECOMPOSE BY ABOVE CONDITIONS AND FORM TOXIC FUMES.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE

## 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