

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-1077-1077-56-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

1077-56-1

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**  
SUBSTITUTED BENZENESULFONAMIDE OR N-ETHYL-2-METHY

**Other REC Limits:**

N/P

**OSHA PEL:**

100 PPM

**Code:**

M

**OSHA STEL:**

N/P

**Code:**

**ACGIH TLV:**

50 PPM TWA

**Code:**

M

**ACGIH STEL:**

50 PPM

**Code:**

M

## Control Measures

**Respiratory Protection:**

WEAR NIOSH/MSHA APPROVED RESPIRATOR SUITABLE FOR CONCENTRATIONS AND TYPE OF AIR CONTAMINANTS ENCOUNTERED.

**Ventilation:**

4 GOOD GENERAL MECHANICAL VENTILATION AND LOCAL EXHAUST IF NEEDED.

**Protective Gloves:**

WEAR IMPERVIOUS GLOVES

**Eye Protection:**

CHEMICAL WORKERS GOGGLES

**Other Protective Equipment:**

Equipment EYE BATH AND SAFETY SHOWER SHOULD BE AVAILABLE. WEAR PROTECTIVE CLOTHING.

**Work Hygienic Practices:**

WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING, OR USING TOBACCO PRODUCTS.

**Supplemental Safety and Health:**

EMERGENCY RESPONSE PROTECTION: WEAR BREATHING APPARATUS (MSHA/NIOSH-APPROVED, PRESSURE DEMAND, SELF-CONTAINED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

## Health Hazards Data

**LD50/LC50 Mixture:**

NONE GIVEN FOR PRODUCT AS A WHOLE.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

VAPOR OR MIST MAY POSSIBLY BE HARMFUL IF INHALED. SUBSTANCE MAY CAUSE MODERATE IRRITATION TO EYES. SUBSTANCE MAY CAUSE SLIGHT IRRITATION TO SKIN. SUBSTANCE MAY BE HARMFUL IF INGESTED. CHRONIC: PROLONGED AND REPEATED EXPOSURE CAN CAUSE ALLERGIC REACTION. ALSO, PROLONGED REPEATED EXPOSURE OF SUBSTANCE MAY CAUSE DELAYED AND SERIOUS INJURY.

**Explanation Of Carcinogenicity:**

THIS PRODUCT CONTAINS CRYSTALLINE SILICA CONSIDERED TO BE CARCINOGENIC BY NTP, IARC AND/OR OSHA.

**Signs And Symptoms Of Overexposure:**

IRRITATION.

**Medical Cond Aggravated By Exposure:**

ALLERGY, ECZEMA AND EYE CONDITIONS.

**First Aid:**

INGESTION: IF SWALLOWED DILUTE BY GIVING TWO (2) GLASSES WATER TO DRINK. SEE A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN: FOR SKIN CONTACT, WASH AFFECTED AREA WITH PLENTY OF WATER AND SOAP. REMOVE AND CLEAN CONTAMINATED CLOTHES & SHOES. GET MEDICAL ATTENTION IF IRRITATION OCCURS. INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION. EYES: FOR EYE CONTACT, FLUSH WITH PLENTY OF WATER FOR

**Spill Release Procedures:**

DIKE AND ABSORB SPILL ON INERT MATERIAL (SAND, EARTH, ETC.). TRANSFER TO CONTAINERS FOR DISPOSAL. REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH SOAP & WATER. WASH CLOTHING BEFORE REUSING.

**Neutralizing Agent:**

NO DATA PROVIDED BY RESPONSIBLE PARTY.

**Waste Disposal Methods:**

INCINERATE IN APPROVED SITE OR FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. AVOID PERSONAL CONTACT DURING TRANSFER AND HANDLING.

**Handling And Storage Precautions:**

AVOID CONTACT WITH EYES, SKIN OR CLOTHING. WEAR EYE PROTECTION & IMPERVIOUS GLOVES WHEN HANDLING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPOR OR MIST. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY.

**Other Precautions:**

IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICE, HANDLE WITH CARE AND AVOID UNNECESSARY PERSONAL CONTACT. AVOID CONTACT WITH EYE AND PROLONGED OR REPEATED SKIN CONTACT. DO NOT INHALE MISTS. MAXIMUM 35°C. STORE INDOORS IN A COOL, DRY AREA WITH ADEQUATE VENTILATION.

## Fire and Explosion Hazard Information

**Flash Point Method:**

PMCC

**Flash Point:**

=253.9C, 489.F

**Flash Point Text:**

N/P

**Autoignition Temp:**

N/P

**Autoignition Temp Text:**

N/P

**Lower Limits:**

N/P

**Upper Limits:**

N/P

**Extinguishing Media:**

FOAM, CARBON DIOXIDE (CO2), DRY CHEMICAL, WATER SPRAY.

**Fire Fighting Procedures:**

USE SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE EQUIPMENT.

**Unusual Fire/Explosion Hazard:**

KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER. DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

## Physical/Chemical Properties

**HCC:**

V5

**NRC/State LC No:**

N/R

**Net Prop WT For Ammo:**

N

**Boiling Point:**

N/P

**B.P. Text:**

N/P

**Melt/Freeze Pt:**

N/P

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

N/P

**Decomp Temp:**

N/P

**Decomp Text:**

N/P

**Vapor Pres:**

<1 MM HG @ 20C

<1 MM HG @ 50C

>1 (AIR=1)

**Volatile Org Content %:**

N

**Spec Gravity:**

1.55 (H2O=1)

1.55 (D2O=1)

1.55 (CCL4=1)

1.55 (CHCl3=1)

1.55 (CH3OH=1)

1.55 (C6H6=1)

1.55 (C2H5OH=1)

1.55 (C2H5Cl=1)

1.55 (C2H5Br=1)

1.55 (C2H5I=1)

1.55 (C2H5F=1)

1.55 (C2H5Cl=1)

1.55 (C2H5Br=1)

1.55 (C2H5I=1)

1.55 (C2H5F=1)