

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-138/138-42-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
138-42-1  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
P-NITROBENZENE SULFONIC ACID

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**  
ACGIH TLV: N/K  
**Code:**  
1 OSHA STEL:

**ACGIH TLV:**  
N/K  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
N/K

**Ventilation:**  
GOOD VENTILATION SHOULD BE SUFFICIENT.

**Protective Gloves:**  
N/K

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
VOLATILE FRACTION BY WEIGHT: NEGLIGIBLE.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: TRANSIENT IRRITATION. INHALATION/SKIN/INGESTION: LOW HAZARD FOR USUAL INDUSTRIAL HANDLING.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
SWEEP UP MATERIAL & PACKAGE FOR SAFE FEED TO AN INCINERATOR.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF BY INCINERATION OR CONTRACT W/LICENSED CHEMICAL WASTE DISPOSAL AGENCY. DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE, OR LOCAL LAWS.

**Handling And Storage Precautions:**  
KEEP AWAY FROM FIRE & OXIDIZING MATERIALS. POTENTIAL HEAT SENSITIVE.

**Other Precautions:**  
EXERCISE CAUTION IF HEATING, ESPECIALLY IN A CLOSED VESSEL.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P 2

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER SPRAY, DRY CHEMICAL, CO2

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

**Unusual Fire/Explosion Hazard:**  
FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS. MATERIALS CONTAINING SIMILAR FUNCTIONAL GROUPS DECOMPOSE VIOLENTLY AT ELEVATED TEMPS.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
203-212F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
NEGLIGIBLE

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K 3

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(N-BU AC = 1): NEGLIGIBLE

**Solubility in Water:**  
APPRECIABLE

**Appearance and Odor:**  
YELLOW CRYSTALLINE SOLID.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
FIRE OR EXCESSIVE HEAT

**Materials To Avoid:**  
STRONG OXIDIZERS

**Hazardous Decomposition Products:**  
CO, CO2, OXIDES OF NITROGEN &SULFUR

**Hazardous Polymerization Indicator:**  
NO

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

## 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