

# MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: P-NITRO TOLUENE-O-SULFONIC ACID

## 1. PRODUCT IDENTIFICATION

CAS NUMBER-----121-03-9

SYNONYMS-----2 METHYL-5- NITRO BENZENESULFONIC ACID

FORMULA-----C7H7NO7S

HMIS HEALTH-----1

FLAMMABILITY-----1

REACTIVITY-----0

PER. PROTECTION--- TO BE SUPPLIED BY USER DEPENDING ON USE  
CONDITIONS.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS

MATERIAL	CAS NUMBER	%
P-NITRO TOLUENE-O-SULFONIC ACID	121-03-9	80

## 3. PHYSICAL PROPERTIES

SPECIFIC GRAVITY 0.99G/L

MELTING POINT 133.5°C

SOLUBILITY IN WATER INSOLUBLE

APPEARANCE AND ORDER MILKY WHITE CRYSTALLINE

## 4. FIRE & EXPLOSION DATA

FLASH POINT NOT EXPLOSIVE

AUTO IGNITION TEMP UNKNOWN

EXTINGUISHING MEDIA WATER, FOAM, DRYCHEMICAL, CO2

SPECIAL PROCEDURES USE SELF CONTAINED BREATHING APPARATUS

UNUSUAL HAZARDS NONE

## 5. REACTIVITY DATA

STABILITY STABLE

CONDITIONS TO AVOID NONE

HAZARDOUS POLYMERIZATION NONE

INCOMPATIBILITY NONE

HAZARDOUS DECOMP PRODUCTS OXIDES OF CARBON, NITROGEN, SULFUR

## 6. PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION USE A NIOSH APPROVED RESPIRATOR OR DUST  
MASK

PROTECTIVE GLOVES BUTYL RUBBER, PVC OR NEOPRENE  
EYE PROTECTION SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES  
VENTILATION LOCAL OR MECHANICAL VENTILATION MAY BE  
USED  
OTHER PROTECTIVE EYE WASH STATION AND SAFETY SHOWER READ  
ACCESSIBLE

7. HEALTH HAZARD DATA

EFFECTS OF EXPOSURE NO TOXICOLOGICAL TEST DATA IS AVAILABLE  
AND NO INFORMATION WAS FOUND IN AVAILABLE  
LITERATURE.

ROUTE OF EXPOSURE SKIN OR EYE CONTACT, INHALATION OF INGESTION,  
SKIN OR EYE IRRITATION

8. EMERGENCY AND FIRST AID PROCEDURES

SKIN WASH THOROUGHLY WITH WATER AND SOAP FOR 10MINUTES,  
IF SKIN IRRITATION OCCURS, SEEK MEDICAL  
ATTENTION.

EYES FLUSH IMMEDIATELY UNDER RUNNING WATER FOR 10 MINUTES.  
IF REDNESS OR IRRITATION OCCURS, SEEK MEDICAL  
ATTENTION.

INHALATION REMOVE SUBJECT TO FRESH AIR. SEEK MEDICAL AID IF  
IRRITATION PERSISTS OR IF BREATHING BECOMES  
DIFFICULT.

INGESTION IF INGESTED, SEEK MEDICAL ASSISTANCE.

NOTE TO PHYSICIAN-----NONE KNOWN

9. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE SMALL SPILLS MAY BE FLUSHED TO THE SWER  
OF SWEPT IT.

LARGER SPILLS SHOULD BE

10. SPECIAL PRECAUTIONS

HANDLING & STORAGE: KEEP CONTAINERS CLOSED, AVOID GETTING  
ON SKIN OR IN EYES WHEN HANDLING THE PRODUCT

OTHER PRECAUTIONS NONE KNOWN

11. TOXICOLOGY DATA

ACUTE ORAL TOXICITY(LG50) NOT AVAILABLE

SKIN IRRITATION (DECD404) NOT AVAILABLE

EYE IRRITATION NOT AVAILABLE

12. OTHER REGULATORY INFORMATION

TSCA WE CERTIFY THAT ALL COMPONENTS OF THIS PRODUCT ARE

REGISTERED -----UNDER THE REGULATIONS OF THE TOXIC  
-----SUBSTANCES CONTROL ACT

SARA -----REACTIVE HAZARD: NO  
PRESSURE HAZARD: NO  
FIRE HAZARD : NO  
IMMEDIATE/ACUTE: NO  
DELAYED/CHRONIC: NO  
DOES NOT CONTAIN AN EXTREMELY HAZARDOUS SUBSTANCE

FDA/USDA-----NOT REGISTERED WITH THE FDA/USDA

UN NUMBER-----NONE

STATE REGULATORY INFORMATION:

PENNSYLVANIA-----NO

MASSACHUSETTES-----NO

NEW JERSEY-----NO

CANADA-----NO

13. LABEL INFORMATION

LABEL HAZARDS-----CAUTION! MAY CAUSE SKIN IRRITATION

CAUTION! ORGANIC DUSTS HAVE POTENTIAL TO BE  
EXPLOSIVE WITH STATIC SPARK OR FLAME INITIATION.

LABEL PRECAUTIONS AVOID CONTACT WITH SKIN, EYES OR CLOTHING,  
WASH THOROUGHLY AFTER HANDLING, WEAR PROPER PROTECTIVE  
EQUIPMENT, WEAR PROTECTIVE EQUIPMENT, MAINTAIN GOOD  
HOUSEKEEPING FOR DUST CONTROL. KEEP CONTAINER CLOSED WHEN NOT  
IN USE.

IN ACCORDANCE WITH GOOD PRACTICES OF PERSONAL CLEANLINESS AND  
HYGIENE HANDLE WITH DUE CARE AND AVOID UNNECESSARY CONTACT  
WITH THIS PRODUCT. ABOVE INFORMATION IS BELIEVED TO BE CORRECT  
BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY  
AS A GUIDE.

NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF  
THIS DATA, THE HAZARDS CONTACTED WITH THE USE OF THE MATERIAL, OF  
THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, IS MADE