

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-132/1323-19-9.html> for suppliers of this product.

### Composition/Information on Ingredient

1323-19-9

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
TRIS(1-METHYLETHYL)NAPHTHALENE SULFONIC ACID SODI

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIH STEL:**  
N/P

**Code:**

**Respiratory Protection:**

**Ventilation:**  
USE GOOD VENT(TYP10AIR CHANGES/HR).MATCH RATES W/CONDITIONS.

**Protective Gloves:**  
IMPERVIOUS GLOVES

**Eye Protection:**  
SAF GLASSES W/SIDESHIELD,GOGGLES.

**Other Protective Equipment:**  
Equipment PROT CLOTH APPRO FOR EXPO RISK.DECONTAMIN FACILITIES:WASHING FACILITIES,SA  
SHOWER,EYEBATH.WASH CONTAMIN CLOTH BEF REUSE.

**Work Hygienic Practices:**  
WASH THOROUGHLY AFT HANDLING USE ROUTINE NONAL KALINE(ACID)TYP HANDCLEANER/REG

WORKSURFACE/EQPMT CLEANING TO MIN SKIN RX.

**Supplemental Safety and Health:**  
HEALTH HAZ:MAY DEPRESS CNS ACTIVITY & CAUSE DROWSINESS. WASTE DISPOSAL:DIETHYLENE GLYCOL. OTHER  
PRECAUT:GERMINATION/EARLY GROWTH OF PLANTS,LOW POT TO BIOCONC.AFT DIL W/LG AMTS OF WATER & 2ND  
WASTE TRE AT MATL NOT EXPECTED TO CAUSE ADVERSE ENVRIO EFFECTS. 4

**LD50LC50Mixture:**

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
GEN:BASED ON REPEATED-DOSE INGEST. STUDIES IN ANIMALS,1PHENYL4,4DIMETHYL3PYRAZOLIDINONE MINOR CMPNT OF PROD MAY CAUSE BLOOD,TESTICULAR,ADVERSE REPORD EFFECTS.INHAL:EXPECTED TO BE LOW HAZ FOR RECOMMENDE D HANDLING.EYE/SKIN:CAUSES IRRIT.MAY CAUSE ALLERGIC SKIN RX.INGEST:HARMFUL IF INGEST.CAN CAUSE KIDNEY DAMAGE.  
(SUPPLEMEN)

**Explanation Of Carcinogenicity:**  
PER MSDS:NONE.

**Signs And Symptoms Of Overexposure:**  
EYE/SKIN IRRITATION. ALLERGIC SKIN REACTION. KIDNEY DAMAGE. DEPRESS CENTRAL NERVOUS SYTEM ACITIVITY, DROWSINESS.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
INHAL:IF SYMPTOMATIC MOVE TO FRESH AIR. GET MED ATTN IF SYMPTOMS PERSIST. EYE:IMMED FLUSH W/PLENTY OF WATER FOR

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
>199F,>93C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
WATER SPRAY, CARBON DIOXIDE (CO2), DRY CHEMICAL, ALCOHOL FOAM.

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATH APPARATUS & PROT CLOTH.FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

**Unusual Fire/Explosion Hazard:**  
MAY FORM PEROXIDES OF UNKNOWN STABILITY.

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**Physical/Chemical Properties**

HCC:  
B3

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:  
392F,200C

Melt / Freeze Pt:

M.P./F.P Text:  
N/K

Decomp Temp:

Decomp Text:  
N/K

Vapor Pres:  
0.04M @20C

Vapor Density:  
0.4

Volatile Org Content %:

Spec Gravity:  
1.13

VOC Pounds/Gallon:

PH: 9.3

VOC Grams/Liter:

Viscosity:  
N/K

Evaporation Rate & Reference:  
N/K

Solubility in Water:  
COMPLETE

Appearance and Odor:  
LIQUID, LIGHT YELLOW, FISHY ODOR.

Percent Volatiles by Volume:  
5

Corrosion Rate:  
N/K

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NORMALLY STABLE HOWEVER ONLONG TERM STORAGE MATLS CONTAINING SIMILAR FUNCTIONAL GROUPS FORM PEROXIDES OF UNK  
STABILITY.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
HAZ COMBUST PROD:OXIDES OF SULFUR, OXIDES OF NITROGEN, CARBON MONOXIDE AND CARBON DIOXIDE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

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**Toxicological Information**

**Information:**N/P

**Information:**N/P

## Regulatory Information

**Federal Regulatory Information**

## Other Information

Other Information: N/A

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**WARRANTY**  
 The above information is believed to be correct but does not purport to be all inclusive and shall be used