

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-253/25322-17-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

25322-17-2

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

DINONYLNAPHTHYSULFONIC ACID (DINNSA)

**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:**

## Control Measures

**Respiratory Protection:**

IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

**Ventilation:**

MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

**Protective Gloves:**

NITRILE, PVA

**Eye Protection:**

SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

**Other Protective Equipment:**

Equipment SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

**Work Hygienic Practices:**

7 OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING OR DRINKING.

**Supplemental Safety and Health:**

NONE SPECIFIED BY MANUFACTURER.

## Health Hazards Data

**LD50/LC50 Mixture:**

LD50 (ORAL, RAT) IS UNKNOWN FOR PRODUCT

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

TARGET ORGANS: LIVER, KIDNEY, CNS, LUNG, HEART. ACUTE- MAY CAUSE EYE IRRITATION. SKIN CONTACT RESULTS IN DEFATTING. INHALATION MAY HAVE EFFECTS ON HEART, CNS, LIVER, KIDNEY. INGESTION MAY CAUSE ABDOMINAL PAIN, NAUSEA, VOMITING. ASPIRATION HAZARD. CHRONIC- MAY CAUSE LIVER & KIDNEY EFFECTS.

**Explanation Of Carcinogenicity:**

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS. 5

**Signs And Symptoms Of Overexposure:**

IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DROWSINESS, BLURRED VISION, PAIN, COUGHING, WHEEZING, SHORTNESS OF BREATH

**Medical Cond Aggravated By Exposure:**

INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, BONE MARROW, BLOOD, HEART, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

**First Aid:**

GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES/SKIN: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. ORAL: DO NOT INDUCE VOMITING. CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. IF CONSCIOUS, DRINK 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. NOTE TO PHYSICIAN: ACTIVATED CHARCOAL MIXTURE MAY BE USEFUL.

**Spill Release Procedures:**

WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLING OR REUSING IS RECOMMENDED. A RELEASE OF 100 POUNDS MAY TRIGGER REPORTING REQUIREMENTS OF CERCLA SECTION 103. REPORTABLE QUANTITY FOR TOLUENE: 1000 LBS

**Handling And Storage Precautions:**

STORE IN COOL, DRY, VENTILATED AREA, AWAY FROM IGNITION SOURCES & INCOMPATIBLES. KEEP CONTAINER TIGHTLY CLOSED.

**Other Precautions:**

EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT WELD, SOLDER OR DRILL SUCH CONTAINERS. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST. DO NOT GET IN EYES OR ON SKIN. DO NOT BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING.

## Fire and Explosion Hazard Information

**Flash Point Method:**

PMCC

**Flash Point:**

=6.4, 42.8F

**Flash Point Text:**

6

**Autoignition Temp:**

N/K

**Lower Limits:**

NOT GIVEN

**Upper Limits:**

NOT GIVEN

**Extinguishing Media:**

USE WATER SPRAY, CARBON DIOXIDE (CO2), FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

**Fire Fighting Procedures:**

EVACUATE PERSONNEL TO SAFE AREA. WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**

VERY FLAMMABLE. VAPOR CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUST.

## Physical/Chemical Properties

**HCC:**

F2

**NRC/State IC No:**

NONE

**Net Prop WT For Ammo:**

N/A

**Boiling Point:**

=90.0, 194.0F

**B.P. Text:**

80

**Decomp Temp:**

N/P

**Melt/Freeze Pt:**

N/P

**Decomp Text:**

N/P

**Vapor Pres:**

NOT GIVEN

**Not Given:**

NOT GIVEN

**Not Given:**

NOT GIVEN

**Volatile Org Content %:**

0.92

**Spec Gravity:**

0.92

**VOC Pounds/Gallon:**

N/K

**pH:**

N/K

**VOC Grams/Liter:**

N/K

**Viscosity:**

UNKNOWN

**Evaporation Rate & Reference:**

>1 (N-BUTYL ACETATE=1)

**Appearance and Odor:**

CLEAR DARK AMBER LIQUID, TOLUENE ODOR

**Not Given:**

NOT GIVEN

**Not Given:**

NOT GIVEN

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HIGH HEAT, SPARKS, FLAME, OTHER SOURCES OF IGNITION

**Materials To Avoid:**

NONE SPECIFIED BY MANUFACTURER.

**Hazardous Decomposition Products:**

SULFUR DIOXIDE, 8

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NONE. WILL NOT OCCUR.

## 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:** N/P

**Other Information:**

NOT GIVEN

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