

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-80/80-39-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

80-39-7

Code:

T

RTECS:

Code:

X

Name:

BENZENESULFONAMIDE, SUBSTITUTED Environmental Wt

Other REC Limits:

N/K

OSHA PEL:

SEE TABLE Z3

Code:

M

OSHA STEL:

N/P

Code:

ACGIH TLV:

0.1 MG/M3 RDUST;9293

Code:

M

ACGIH STEL:

N/P

Code:

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 35C. 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:

VS

NRC/State IC No:

N/R

Net Prop WT For Ammo:

N/P

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/P

Spec Gravity:

1.55 (H2O=1)

N/P

VOC Pounds/Gallon:

N/P

PH:

N/K

VOC Grams/Liter:

16

Viscosity:

88000 CPS

Evaporation Rate & Reference:

N/P

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

OFF WHITE COLOR LIQUID, NO ODOR.

Percent Volatiles by Volume:

<1

Corrosion Rate:

N/P

WILL NOT OCUR 5

Other Information:

N/P

Stability Indicator:

YES

Stability Condition To Avoid:

ELEVATED TEMPERATURES, AMINES AND BASES IN BULK.

Materials To Avoid:

AMINES OR BASES IN BULK, STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:

CARBON DIOXIDE, CARBON DIOXIDE, ALDEHYDES.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid:

WILL NOT OCUR 5

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

Other Information:

N/P

Other Information: