

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-306/3069-29-2.html> for suppliers of this product.

Composition/Information on Ingredient

3069-29-2

Code:
M

RTECS:

Code:
X

Name:
N-(2-AMINOETHYL)-3-AMINOPROPYLMETHYL DIMETHOXY-SIL

Other REC Limits:
N/P

OSHA PEL:
N/P

Code:

OSHA STEL:
N/P

Code:

ACGIH TLV:
N/P

Code:

ACGIH STEL:
N/P

Respiratory Protection:
IF EXPOSURE EXCEEDS TLV

Respiratory Protection:
LOCAL EXHAUST IS RECOMMENDED. MECHANICAL IS RECOMMENDED.

Ventilation:
LOCAL EXHAUST IS RECOMMENDED. MECHANICAL IS RECOMMENDED.

Protective Gloves:
RUBBER, NEOPRENE OR NITRILE GLOVES.

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGLES AND FULL LENGTH FACESHIELD (FP N).

Other Protective Equipment:
Equipment ANSI APPROVED EYE WASH AND DELUGE SHOWER (FP N). LAUNDER CLOTHING BEFORE REUSE.

Work Hygienic Practices:
DO NOT WEAR CONTACT LENSES. 4

Supplemental Safety and Health:
MFR'S TRADE NAME/PART NO: DIMETHOXYLANE. PHYSICAL DATA: MOLECULAR WEIGHT: 206.36.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Health Hazards Acute And Chronic: EYE CONTACT: VAPORS MAY CAUSE IMMEDIATE OR DELAYED SEVERE EYE IRRITATION. LIQUID CAN CAUSE SEVERE CONJUNCTIVITIS AND CORNEAL DAMAGE. THIS PRODUCT SLOWLY RELEASES METHANOL. SKIN CONTACT: MAY PRODUCE IRRITATION OR CONTACT DERMATITIS WHICH MAY BE DELAYED SEVERAL HOURS. PROMPT AND THOROUGH WASHING WITH SOAP AND WATER WILL REDUCE OR ELIMINATE POTENTIAL DERMAL EFFECTS. INHALATION: INHALATION OF VAPORS OR PARTICULATES OF AMINOALKYLSILANES WILL IRRITATE THE RESPIRATORY TRACT. OVEREXPOSURE MAY P
Explanation Of Carcinogenicity: N/P
Signs And Symptions Of Overexposure: SEE HEALTH HAZARDS.
Medical Cond Aggravated By Exposure: N/P
First Aid: EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: FLUSH WITH WATER, THEN WASH WITH SOAP AND WATER. INHALATION: MOVE EXPOSED INDIVIDUAL TO FRESH AIR. CALL A PHYSICIAN. INGESTION: NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS. GET MEDICAL ATTENTION.
Spill Release Procedures: MAY BE HAZARDOUS TO AQUATIC LIFE IF RELEASED TO OPEN WATERS. COVER SPILL WITH ABSORBENT MATERIAL. TRANSFER TO A SUITABLE CONTAINER FOR DISPOSAL.
Neutralizing Agent: N/P
Waste Disposal Methods: HYDROLYZE MATERIAL BY MIXING WITH WATER IN A HOOD. ORGANIC LAYER MAY BE INCINERATED. ALTERNATELY, ABSORB ONTO CLAY OR VERMICULITE AND DISPOSE OF ABSORBENT MATERIAL AS SOLID WASTE. FOLLOW ALL CHEMICAL POLLUTION CONTROL REGULATIONS.
Handling And Storage Precautions: STORE IN SEALED CONTAINERS IN THE DARK.
Other Precautions: FOR RESEARCH AND INDUSTRIAL USE ONLY.
Fire and Explosion Hazard Information

Flash Points:

=90.C, 194.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:
USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). AVOID EYE AND SKIN CONTACT. DO NOT BREATHE FUMES OR INHALE VAPORS.

Unusual Fire/Explosion Hazard:
IRRITATING FUMES AND ORGANIC ACID VAPORS MAY DEVELOP WHEN MATERIAL IS EXPOSED TO ELEVATED TEMPERATURES OR OPEN FLAME.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:
=129.4C, 265.F

B.P. Text:

Melt / Freeze Pt:

M.P/F.P Text:
NOT DETERMINED

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
NOT DETERMINED

Vapor Density:
NOT DETERM

Volatile Org Content %:

Spec Gravity:
0.975 @ 25C

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/A

Solubility in Water:
REACTS

Appearance and Odor:
CLEAR TO STRAW LIQUID WITH AMINE (AMMONIA-LIKE) ODOR.

Percent Volatiles by Volume:
N/A

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
COMBUSTIBLE; AVOID CONTACT WITH HEAT, SPARKS OR OPEN FLAME. STABLE IN SEALED CONTAINERS STORED.

Materials To Avoid:
REACTS WITH WATER AND MOISTURE IN AIR LIBERATING METHANOL. AVOID CONTACT WITH PEROXIDES, OXIDIZING AGENTS, ALCOHOLS, ACIDS. 5

Hazardous Decomposition Products:
ORGANIC ACID VAPORS.

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
N/P

Toxicological Information

Information:N/P

MSDS Tra

Information:N/P

Regulator

Federal Regulatory Information: N/A

Federal Register / Information 171

State Regulatory Information: N/A

Other Information

Other Information:N/P

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is