

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

Cas:

3069-29-2

Code:

M

RTECS:

Code:

X

Name:

N-(2-AMINOETHYL)-3-AMINOPROPYL METHYL DIMETHOXYSIL

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:

OSHA STEL:

N/P

Code:

ACGIH TLV:

N/P

Code:

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IF EXPOSURE EXCEEDS TLV, NIOSH APPROVED AIR-SUPPLIED OR COMBINATION ORGANIC VAPOR ARMINA GAS RESPIRATOR.

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: DIMETHOXYSILANE. PHYSICAL DATA: MOLECULAR WEIGHT: 206.36.

Health Hazards Data

LD50/LC50 Mixture:

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 Symptoms 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 Point Method:

COC 3

Flash Point:

=90.0C, 194.F

Flash Point Text:

Autoignition Temp:

N/A

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 IC No:

Net Prop WT For Ammo:

Boiling Point:

-19.4C, 265.F

B.P. Text:

B.P.

Melt/Freeze Pt:

N/P

NOT/DETERM Text:

NOT/DETERM

Decomp Temp:

N/P

Decomp Text:

N/P

Vapor Press:

NOT/DETERM

Vapor Density:

NOT/DETERM

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

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.

Hazardous Decomposition Products:

ORGANIC ACID VAPORS.

Hazardous Polymerization Indicator:

N/P

Conditions To Avoid Polymerization:

N/P

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

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NRC/State IC No:

Net Prop WT For Ammo:

Boiling Point:

-19.4C, 265.F

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B.P.

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N/P

NOT/DETERM Text:

NOT/DETERM

Decomp Temp:

N/P

Decomp Text:

N/P

Vapor Press:

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Toxicological Information

Information:</p