

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Bis(dimethylamino)dimethylsilane**

FORMULA: $C_6H_{18}N_2Si$

CAS NO: 3768-58-9

SYNONYMS:

MANUFACTURER:

Wonik Materials North America
N115 W19392 EDISON DRIVE
GERMANTOWN, WI 53022

PHONE: 1-262-293-0251
FAX: 1-262-253-1258

IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC 1-703-741-5500

FOR TECHNICAL INFORMATION CONTACT: 1-262-293-0251

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Pictogram



Signal Word

Danger

Hazard Statements

H225	Highly Flammable liquid and vapour
H314	Causes severe skin burns and eye damage

SECTION 2 HAZARDS IDENTIFICATION (Cont.)

Precautionary Phrases

BIS(DIMETHYLAMINO)DIMETHYLSILANE

P210	Keep away from heat/sparks/open flames/hot surfaces.- No smoking
P280	Wear protective gloves/protective clothing/eye protection/face protection
P284	Wear respiratory protection
P305 + P351 +P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present call a POISON CENTER or doctor/physician.
P310	Immediately call a POISON CENTER or doctor/physician

HMIS Classification:

Health: 3 Flammability: 3 Physical Hazards: 0

NFPA Rating:

Health: 3 Flammability: 3 Reactivity: 0

POTENTIAL HEALTH EFFECTS

INHALATION: Material is extremely destructive to the upper respiratory tract and the tissue of the mucous membranes. May be harmful if inhaled.

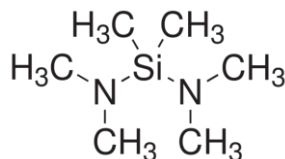
SKIN: Causes skin burns. May be harmful if absorbed through the skin.

EYES: Causes eye burns.

INGESTION: Harmful if swallowed.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: C₆H₁₈N₂Si



Molecular Weight: 146.31

CHEMICAL NAME	CAS#
Bis(dimethylamino)dimethylsilane	3768-58-9

SECTION 4 FIRST AID MEASURES

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Remove contacts if easily possible. Get immediate, professional care from qualified physician or emergency care facility.

SKIN EXPOSURE: Wash affected area with copious amounts of water for at least 15 minutes. Remove contaminated clothes and shoes if necessary. Seek medical assistance immediately.

INHALATION: Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. If not breathing administer CPR. If having trouble breathing give oxygen if available. Seek immediate emergency medical assistance.

INGESTION: Do not induce vomiting. Rinse out mouth with water provided person is conscious. Seek immediate medical assistance.

NOTE: Material can form a siloxane polymer on skin, eyes, or in the lungs.

SECTION 5 FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:

Suitable Water spray, alcohol-resistant foam, and carbon dioxide and dry chemical.

Unsuitable

CONDITIONS OF FLAMMABILITY

Keep away from any heat, sparks, open flame, or hot surface. When temperature is above the flash point, item is flammable in the presence of a source of ignition.

SECTION 5 FIREFIGHTING MEASURES (Cont.)

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:

Carbon oxides, nitrogen oxides, and silicon oxides.

ADVICE FOR FIRE FIGHTERS

Wear a contained breathing apparatus
To cool unopened containers, use water spray.

SECTION 6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Ensure adequate ventilation.
Use personal protective equipment.
Avoid breathing vapors, mist, or gas.
Evacuate all personnel to safe areas.
Be sure to remove all sources of ignition.

ENVIRONMENTAL PRECAUTIONS

Do not let product enter any drains.
If safe to do so, prevent all further leakage.

METHODS AND MATERIALS

Dispose of according to local regulations.

SECTION 7 HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING**

Be sure to use explosion-proof equipment.
Avoid all inhalation of vapor or mist.
Keep away from all sources of ignition.

CONDITIONS FOR SAFE STORAGE

Moisture Sensitive.
Store under inert gas.
Keep containers tightly closed.
Store in a dry and well-ventilated location.
To prevent leakage, store in an upright position.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use a full-face respirator with multi-purpose combination. If the respirator is the sole means of protection, always use a full-face air respirator. All respirators being used must be tested and approved under appropriate government standards.

EYE/FACE PROTECTION: Tightly fitted safety glasses and faceshield (minimum 8-inch). All eye protection should be approved under appropriate government standards.

SKIN PROTECTION: Flame retardant antistatic protective clothing. Always wear a complete suit that is rated to protecting against chemicals.

HAND PROTECTION: Always wear gloves. Be sure to inspect gloves prior to use. Avoid all skin contact with product by using the proper glove removal technique. All contaminated gloves are to be disposed. Wash and dry hands thoroughly.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: Clear liquid

MELTING POINT/ FREEZING POINT: -98 deg. C

BOILING POINT: 128-129 deg. C

FLASH POINT: -7 deg. C
VAPOR PRESSURE: 1 mmHg @ 20 deg. C
DENSITY: .809 g/mL @ 25 deg. C
SOLUBILITY IN WATER: Not available
ODOR: Not available
ODOR THRESHOLD: Not available
EVAPORATION RATE: Not available

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Under recommended storage conditions product is stable.
CONDITIONS TO AVOID: Heat, flames and sparks. Avoid direct sunlight and extremes of temperature.
INCOMPATIBILITY: Strong oxidizing agents, acids, and bases.
DECOMPOSITION PRODUCTS: Carbon oxides, nitrogen oxides, and silicon oxides.

SECTION 11 TOXICOLOGICAL DATA

ACUTE TOXICITY
No data available

CARCINOGENICITY
No data available

POTENTIAL HEALTH EFFECTS

INHALATION: Material is extremely destructive to the upper respiratory tract and the tissue of the mucous membranes. May be harmful if inhaled.
SKIN: Causes skin burns. May be harmful if absorbed through the skin.
EYES: Causes eye burns.
INGESTION: Harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

Cough, shortness of breath, headache, and nausea

SECTION 12 ECOLOGICAL DATA

No data available

SECTION 13 DISPOSAL CONSIDERATIONS

Burn the product in a chemical incinerator with an afterburner and scrubber but exert extra care in igniting, as this material is extremely flammable. Contact professional waste disposal service for disposal of material. Dispose of any contaminated product as you would unused product.

SECTION 14 TRANSPORTATION DATA

Flammable liquids, corrosive, n.o.s. (Bis(dimethylamino)dimethylsilane)

Class 3 (8)

UN2924

PG II

IATA, IMDG, and DOT Regulated

Marine Pollutant: No

SECTION 15 REGULATORY INFORMATION

OSHA HAZARDS

Flammable liquid, Corrosive

SARA 302 COMPONENTS

SARA302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Bis(dimethylamino)dimethylsilane

SARA 313 COOMPONENTS

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

SARA 311/312 HAZARDS

Fire Hazard, Acute Health Hazard

MASSACHUSETTS RIGHT TO KNOW COMPONENTS

No components are subject to the Massachusetts Right to Know Act.

PENNSYLVANIA RIGHT TO KNOW COMPONENTS

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NEW JERSEY RIGHT TO KNOW COMPONENTS

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CALIFORNIA PROP 65 COMPONENTS

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 OTHER INFORMATION

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, Wonik Materials North America makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

DATE PREPARED: 04/13

MSDS DEPT