



# Material Safety Data Sheet

## AZERTY - IVR-10059

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### 1. Chemical Product and Company Identification

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**Product Trade Name:** INNOVERA ANTI STATIC SPRAY  
**Chemical Family:** N/A Mixture  
**FSP Model No:** IVR-10059

**Chemical Manufacturer:** Various

**Product Manufacturer:** Falcon Safety Products, Inc.  
**Address:** 25 Chubb Way  
Branchburg, NJ 08876  
**Phone:** 1-908-707-4900

**Emergency Telephone USA: CHEMTREC (800) 424-9300**

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### 2. Composition/Information on Ingredients

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Material	%	TLV	PEL	CAS #	UNITS
Morpholine		20	20	110-91-8	PPM
Monostat 1195		1000	1000	64-17-5	PPM
A-31	Butane	800	800	106-97-8	PPM
	Propane	1000	1000	74-98-6	PPM
	Isobutane	1000	1000	75-28-5	PPM
Isopropyl Alcohol		400	400	67-63-0	PPM
Ethylene Glycol Mono Butyl Ether		50	50	111-76-2	PPM
Methylated Silica		5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	067-762-902	

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### 3. Hazard Identification

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**Potential Health Effects:** Inhalation of high concentrations of vapor is harmful and may cause heart irregularities, unconsciousness. Intentional misuse or deliberate inhalation may cause death without warning. Vapor reduces oxygen available for breathing and is heavier than air. Liquid contact can cause frostbite. Long term exposure to high concentrations may cause lung, liver or kidney damage. Aspiration hazard if swallowed. Eye irritation is severe. Will cause skin irritation (effects are reversible). Ethylene Glycol may cause blood abnormalities and damage to the spleen and testes.

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Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptibility to the toxicity of excessive exposures.

**Carcinogenicity Information:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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#### 4. First Aid Measures

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<b>Inhalation:</b>	If high concentrations are inhaled, immediately remove to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
<b>Skin Contact:</b>	In cases of contact, immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician. Treat for frostbite if necessary by gently warming affected area. Wash contaminated clothing before reuse.
<b>Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
<b>Ingestion:</b>	Contact Poison Control Center ASAP.
<b>Notes to Physicians:</b>	Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used with special caution only in situations of emergency life support.

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#### 5. Firefighting Measures

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<b>Flash Point:</b>	160°F, 71°C
<b>Flammable Limits in Air:</b>	LEL/UEL: 1.7 – 1.9, 8.3 – 8.5
<b>Fire and Explosion Hazards:</b>	May burst when heated.
<b>Extinguishing Media:</b>	Dry Chemical or Carbon Dioxide.
<b>Special Fire Fighting Procedures:</b>	May rupture when heated.

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#### 6. Accidental Release Measures

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<b>Safeguards (Personnel) - NOTE:</b>	Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.
<b>Accidental Release Measures:</b>	Ventilate area, especially low or enclosed places where heavy vapors might collect. Remove open flames. Use self-contained breathing apparatus (SCBA) if large spill or leak occurs. Dispose of in accordance with local, state and federal regulations. Use absorbent material to collect.

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#### 7. STORAGE AND HANDLING

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<b>Storage:</b>	Clean, dry area. Do not smoke while using. Wash hands after use.
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## 8. Physical and Chemical Properties

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<b>Boiling Point</b>	Range 11.7°F to 343°C
<b>Vapor Density</b>	4.0 (Air = 1.0)
<b>Vapor Pressure</b>	at 70°F 31 psig
<b>pH</b>	N/A
<b>Solubility in Water</b>	Soluble
<b>Specific Gravity (H<sub>2</sub>O=1)</b>	.7864 @ 20/20°C
<b>Odor</b>	Citrus Smell
<b>Form</b>	Liquefied Gas
<b>Color</b>	Transparent
<b>Evaporation Rate</b>	N/A

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## 9. Reactivity

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<b>Chemical Stability:</b>	Material is stable. However avoid open flames and high temperatures.
<b>Incompatibility:</b>	Incompatible with oxidizers – aluminum, chlorine, acids, etc.
<b>Polymerization:</b>	Polymerization will not occur

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## 10. Transportation Information

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<b>Proper Shipping Name:</b>	Non-Hazardous Material
<b>DOT Shipping Classification:</b>	Domestic Ground Transportation


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## 11. Other Information

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	Dermot McLeer	Technical Manager	05/12/2005
Signature	Printed Name	Title	Revision Date