

Product Name: **Nolu-S (powder)**

Synonyms: **Polyethylene**

NOLU-S

Composition / Information on Ingredients*

This product is not regulated under the OSHA Hazard Communication Standard, 29CFR1910.1200. or S.A.R.A. Title III. Please read the MSDS carefully before using this product.

*All ingredients are FDA approved.

Physical and Chemical Properties

Appearance and Odor:

Gray powder with mild odor

	Low	High	Units	Comment
Melting Point	135	145	°C	(227°C for Lubricant)
Density	0.925	0.935	G/CC	@25°C
Solubility in Water	-	-	-	Insoluble
Ignition Temperature	350	FIT	°C	ASTM D1929
Decomposition Temperature	-	330	°C	-

Fire and Explosion Hazards

Extinguishing Media:

Carbon Dioxide, Water Spray, Foam or Dry Chemical.

Special Procedures:

Use self-contained breathing apparatus and full protective clothing.

Unusual Hazards:

Emits toxic fumes under fire conditions. Fine powder may present dust explosion hazard.

Stability and Reactivity

Chemical Stability:

Stable

Conditions to Avoid:

Avoid overheating this material. Electrical grounding of equipment is required when handling powder to prevent possible dust explosion.

Hazardous Decomposition Products:

Thermal Decomposition may generate Carbon Monoxide and Carbon Dioxide.

Hazardous Polymerization:

Will not occur.

Nolu-S (cont.)

Health Hazard Identification

Signs and Symptoms of Overexposure:

Fine powder may irritate the respiratory system.

Toxicity Text:

Considered to be Non Toxic

Primary route of Exposure:	Yes	No
Inhalation	✓	
Skin Absorption		✓
Ingestion		✓

Carcinogen:	Yes	No
IARC		✓
NTP		✓
OSHA		✓

First Aid Procedures

Inhalation:

Remove victim to fresh air. Consult Physician.

Eyes:

Flush thoroughly with water for 15 minutes. Consult Physician if irritation or other symptoms occur.

Skin Contact:

Wash with soap and water. Consult Physician if irritation or other symptoms occur.

Ingestion:

Consult Physician.

Additional Measures:

Consult Physician if irritation of respiratory passages occur.

Disposal Considerations / Spill or Leak Procedures

Spill or leak:

Collect into suitable container.

Waste Disposal:

Dispose of in accordance with federal, state and local regulations.

Nolu-S (cont.)

Exposure Controls / Personal Protection

Respiratory Protection:

If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134.

Protective Clothing:

Safety glasses. Clothing suitable to avoid skin contact.

Additional Protective Measures:

Use local exhaust ventilation or respiratory protection to maintain employee exposure below the P.E.L. or T.L.V.

Special Precautions:

Treat as nuisance dust and observe the following exposure limits:

Ingredient	Agency	Value
Nuisance / inert dust	OSHA PEL	15 mg/m3 (total) 5 mg/m3 (respirable)
Nuisance particulates	ACGIH TLV	10 mg/m3 (total)* 3 mg/m3 (respirable)*

*Solus Industrial Innovations recommended limits

Regulatory Information

State Right to know information:

Component : Ethene, Homopolymer (Polyethylene)

Reference:

PA State Code 34 Regulations: N.J.S.A. 34: 5A-1 ET SEQ.

Hazard Communication Label: 00-00

SARA Hazard Class:	Yes	No
Acute		✓
Chronic		✓
Fire Hazard		✓
Pressure		✓
Reactivity		✓

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